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Publisher's Letter



Wayne Sellon, artisan and owner of Tajmawall, 1948-2009

In Memory of our Good Friend Wayne ...

I first met Wayne Sellon aboard our industry's first annual decorative concrete cruise while it was leaving the Miami harbor in November 2007. I had previously talked with Wayne a few times on the phone, and his voice had a distinguishing tone that I'll likely never forget. As my wife Sheri and I entered our stateroom and checked out our private balcony, Wayne's distinctive voice could be heard just beyond the balcony's privacy wall in the room next door. Leaning over the rail a little, I asked if my next-door neighbor was Wayne Sellon. Somewhat awkwardly, we exchanged a handshake and spent the next several

minutes getting acquainted.

Wayne was best described as the kind of guy you would imagine on horseback meticulously herding cattle across some mountainous terrain in Montana. His large cowboy hat, thick mustache and relaxing voice led you to believe he was always exploring uncharted territory for buried treasure, but was willing at any time to stop and offer help to another. He was that individual who was always ready to give you the shirt off his back.

Having known Wayne Sellon for the short time I did, I felt privileged, like so many of us, to have had his friendship. I discovered that Wayne was much more than an easygoing cowboy. He was a person who loved life partly because it had no limits, but mostly because of its people. Wayne saw the good in everyone, and he played off those attributes to build friendships and help others realize their potential.

When Wayne found decorative concrete, I'd like to think that he also found his resting place — a place where productivity was no longer the prerequisite but a principle that underscored his creativity as an artisan and mentor. In this place, Wayne taught us that life is about what we can invest in others, not what we can take away.

Wayne, whether you are today riding the high seas or high in the mountains on horseback, exploring God's creation with the Master himself, we thank you for the indelible mark you have made in each of our lives, and we look forward to one day picking up with you where we left off.

Your friends in decorative concrete,

Bent Mikkelsen, Publisher

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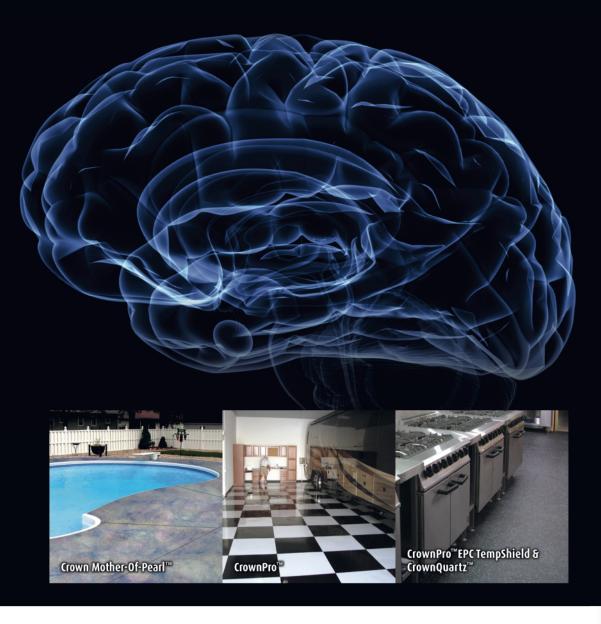
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Trademark Concrete Systems Inc., Ventura County and Orange County, Calif.

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On the Cover: Gerald Taylor of Images in Concrete scores the design for a mural at the Freeman Justice Center in Key West, Fla. For more, see page 32.

Photo courtesy of Steven Ochs

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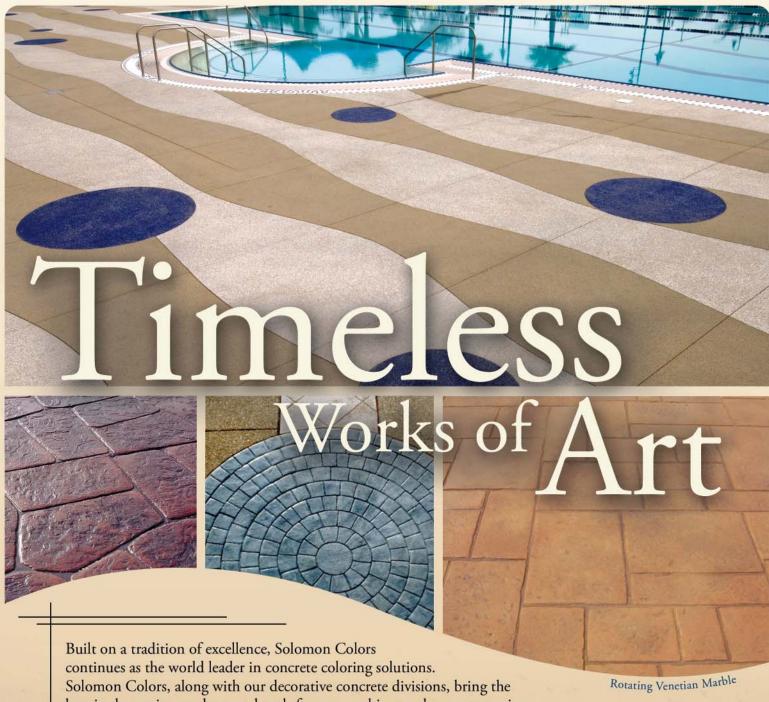
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Industry News



The award-winning showpiece by Jeremiah Johnson Concrete Inc.

Washington contractor takes top honors at decorative event

Jeremiah Johnson Concrete Inc., of Seabeck, Wash., won Best of Show and the People's Choice Award at the annual Decorative Concrete Event and Contest, held April 15-18, 2009, in Bremerton, Wash.

The event was hosted by Poulsbo, Wash., construction accessory supplier Hardware Wholesale at the Silver Spur Riding Club. The show involved 13 artisans, more than \$15,000 in donated materials, 450 man-hours put into the actual concrete work, \$6,200 in prizes and close to 300 visitors.

Here is a complete list of winners: Best of Show: Jeremiah Johnson Concrete Inc., Seabeck, Wash.

People's Choice: Jeremiah Johnson Concrete Inc., Seabeck, Wash.

Best Flatwork: McCauley Concrete Services, Bremerton, Wash., and Morrison's Decorative Concrete, Silverdale, Wash. (team)

Best Vertical: Hiday Concrete Inc., Sequim, Wash.

Best Countertop/Precast: McCauley Concrete Services, Bremerton, Wash., and Morrison's Decorative Concrete, Silverdale, Wash. (team)

Best Alternative: Ethos Builders LLC, Poulsbo, Wash.

Most Artistic: Hiday Concrete Inc., Sequim, Wash.

Most Innovative: Ethos Builders LLC, Poulsbo, Wash.

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Spancrete snaps up mobile precast outfit

Spancrete, a provider of architectural and structural precast concrete products in the Midwest, announced its acquisition of MobileGreen Precast LLC, the nation's first mobile precast company.

MobileGreen Precast brings environmentally and economically friendly mobile precast technology to areas previously served by other construction methods. The mobile precast model involves developing temporary precast plants near a project, reducing transportation requirements and fuel inefficiencies. The results include reduced construction costs and numerous environmental benefits.

Rural areas, with a shortage of precast providers and contractors, will benefit the most from this mobile precast solution. Closer proximity translates into greatly reduced travel costs and faster building options, allowing customers to take advantage of precast construction instead of more costly methods. Customers in larger markets, who may have been forced to turn to alternative construction methods due to a high demand on existing precast services, will also benefit from the efficiencies of mobile precast services.

www.mobilegreenprecast.com

www.spancrete.com



Elite Crete builds new headquarters

Elite Crete Systems has completed construction of a new 32,000-square-foot headquarters that will house corporate offices, research and development, and a manufacturing and training center.

By combining the technical support and training office with manufacturing operations, the company expects to work more efficiently and provide better customer service. The expansion was driven by product demand and the addition of 20 new Factory-authorized Distributors.

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> Dave Banko, Counterpart, LLC Intensive Precast Countertops & Sinks 102, April 2007

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New distribution center for **Concrete Coatings Inc.**

Concrete Coatings Inc. has opened a new distribution point in Marietta, Ga., just outside of Atlanta.

The new location will allow customers and distributors to get product quicker and with a lower freight cost. Concrete Coatings Inc. also maintains a Utah manufacturing facility and a distribution point in Webb City,

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Blastrac forms DMS

Blastrac, NA, has formed Diamatic Management Services (DMS). This new arm will coordinate and handle management, specification writing and training for large surface preparation and polishing projects.

Diamatic Management Services will qualify and approve procedures, write specifications, certify contractors and operators, and assist in the supply of proper equipment and consumables for job-specific operations. DMS will approve contractors through its Ultra-Flor System, using hands-on training, instruction and testing on the proper equipment, and procedures and techniques for achieving specified grinding and polishing requirements.

"Based on demand, we've decided to act and create a system to connect our contractors, equipment and owners within a network that provides unparalleled quality and repeatability," stated Steve Klugherz, Blastrac global vice president, in a press release. "Our extensive Ultra-Flor program will ensure the best results for architects and owners and set standards for consistent quality in the grinding and polishing of concrete floors for high-traffic areas."

The Ultra-Flor System will also answer the call from big chain stores to certify and standardize polishing processes.

www.blastrac.com

Distributor takes on new territory

Blastrac, NA, has announced that Aramsco, its largest United States distributor, has been appointed Diamatic Distributor and will serve

the territory of Southern California and adjoining states from Aramsco's location in Ontario, Calif. Aramsco will also handle Blastrac and Diamatic distribution in Florida as expansion into new markets continues.

As a Blastrac and Diamatic distributor, Aramsco will handle a complete range of products and materials, from shotblasters, grinders and polishers to consumables and dust collectors.

Blastrac has enjoyed a longstanding association with Aramsco, which now serves 30 states from 14 distribution centers across America.

Aramsco has also recently hired Karl Lloyd, who brings years of expertise and product know-how to Aramsco's already knowledgeable staff.

www.blastrac.com

BlastPro enters agreement with **Concrete Solutions and Supply**

BlastPro Manufacturing Inc. has named Concrete Solutions and Supply as a master distributor of its portable shotblasting equipment, replacement parts, and dust collectors for portable shotblasting equipment. Concrete Solutions and Supply is responsible for equipment sales, parts sales, rentals and service of BlastPro equipment in California. Arizona and Nevada.

Concrete Solutions and Supply has sales locations in Newbury Park, Calif. and Las Vegas, Nev., as well as a store and service center in Fullerton, Calif. Concrete Solutions and Supply is an industrial surface preparation specialist.

www.blastpromfg.com

www.concretesolutionsandsupply.com

BlastPro names master distributor for eastern U.S.

BlastPro Manufacturing, Inc. has announced Niagara Machine Inc. as a master distributor of its portable shotblasting equipment, replacement parts, and dust collectors for portable shotblasting equipment. Niagara Machine Inc. is responsible for equipment sales, parts sales, rentals and service of BlastPro equipment in the United States east of the Mississippi River, with the exception of Illinois and Wisconsin.

Niagara Machine Inc. has sales locations in Memphis, Tenn., Rochester, N.Y., Pittsburgh, Pa., and Detroit, Mich., and sales and service centers in Erie. Pa. and Charlotte, N.C. Niagara Machine is an industrial surface preparation specialist and has been in business since 1950

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Cemstone's Seykora picked to serve on two boards

Cemstone has announced that Rachel Seykora has been appointed to the Minnesota Concrete & Masonry Contractors Association board of directors for 2009-2010. Seykora was also named to the Associated General Contractors of Minnesota board of directors for 2009.

Seykora joined Cemstone in 2006 and is a commercial sales representative for the company. Her responsibilities include project estimating, project management, customer service and sales promotion.

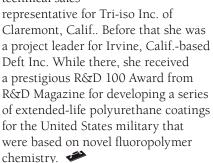
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E.T. Horn names new VP

E.T. Horn Co. recently hired

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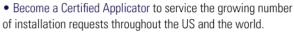
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Carlton's Corner

Green Building: Hype or Hope?

by Doug Carlton

have to be honest with you right off the bat. As I am sitting here writing this

article, I have on Wrangler jeans and work boots and I have a Wyoming elk tag in my pocket. I'm not exactly the poster boy for the LEED program, as you can guess. However, with so much chatter about "sustainable sites" and



by Doug Carlton

"Energy Star scores" these days, I was kind of thinking it might be a good time to clear

Green building through the use of concrete is playing a major role in the way many modern-day projects fit together. Few will argue this fact. Does this mean your business should or must play a part in this movement? Of course not. Should you at least take a hard look at this movement? Absolutely. As the construction pie continues to shrink, many contractors are finding themselves with little choice but to consider bidding green-related projects. Some of you may be considering becoming LEED certified even now.

Let me take one step further, though. If you think your business becoming LEED certified will cement your business into the profit zone — no way. My guess is that this growth sector will be competitive, and the ones with the best education, marketing, service and efficiency will prosper most.

The bosses in D.C. have decided to take the road out of recession by means of a green path. Many of the projects to be "stimulated" will involve environmentally friendly design and construction. Concrete will be a major factor in these designs in most if not all cases. I'm not going to take up a lot of space discussing the levels of LEED certification or LEED's level of difficulty. The amount of information is vast, and 30 minutes on the Portland Cement Association Web site will no doubt answer most of your questions. I do want to break down two concrete types that play a part in green building, and you can make up you own mind about how beneficial they are. My last paragraphs will spend a little time on the "hype" part of green building.

Pervious concrete paving

Pervious or permeable concrete has little or no sand, and this allows water to pass through its surface. Cement paste holds the aggregate together but leaves voids through which water can freely pass. The idea here is to keep surface water from running off the property by letting it filter down through the hardscapes. This can help to recharge the groundwater, although the key to that possibility is the recycled subbase material under the permeable concrete.

I'm a decorative concrete guy, and I think the final finish of pervious concrete looks rough. However, look for a trend of turning this into something more appealing by way of stain or color. I'm not sure how many ways we can make this finish decorative, but I am willing to bet someone somewhere is working on doing just that.

My office has recently taken calls on how existing pervious concrete can be colored by use of stains, so we will be watching this market closely.

Many projects are requiring the installation crew be certified in pervious concrete placement. This certification process can be completed in a day or two in most cases. Pervious is and will be a growth area for the concrete industry, and those that are willing to reinvent decorative concrete by way of pervious surfaces will gain the most.

Stained and polished surfaces

Stained and polished surfaces are another huge sector of green growth as it relates to our industry. The fact that the concrete surface can be used as the finished floor is putting smiles on green consultants' faces. Being able to use the concrete canvas to create a decorative, durable, yet "green" floor is attracting the attention of many architects, and owners as well. The best news is that this should decrease building costs in most cases, especially if maintenance is factored in. Please don't overlook the value here, because gaining LEED points and saving money will be two big advantages for our industry.

Regardless of the decorative finish, improvements in today's water-based sealers as protective coatings have also helped achieve LEED points. LEED points are added together to attain a certification level. Something as simple as a water-based sealer could be the difference.

Hype

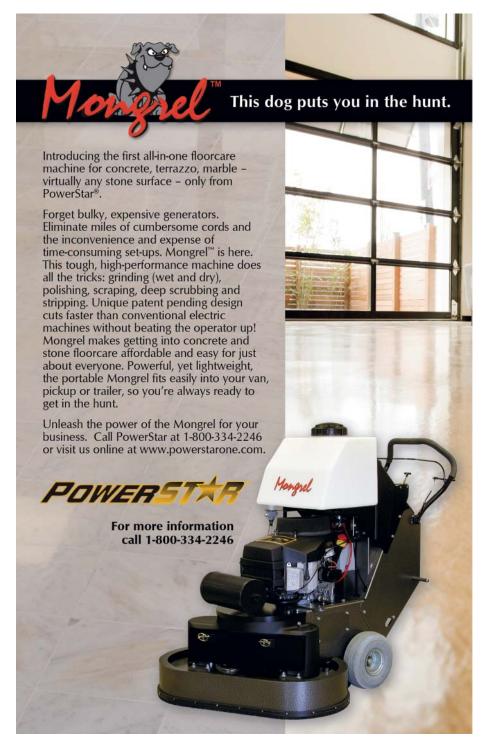
Everything so far sounds good, right? Well, not so fast, because some are not considering the true cost to what many are calling social engineering. Trust me in saying that I am not trying to cast a shadow on the green movement. I'm just trying to show both sides realistically. Let me ask you should any government agency mandate requiring a green qualification in a time when businesses are simply trying to save jobs and pay the bills? Mayor Gavin Newsome of San Francisco, Calif., thinks this type of law is necessary. He recently signed off on tough new green building codes for his city, including a rule that large residential

and commercial building projects be evaluated under the LEED system. He was quoted as saying: "It requires a mandate in order to get people to do what's in their best interest sometimes. It's called change." The problem is that his own city's Office of Economic Analysis estimated the new codes could cost the city up to \$700 million yearly. No estimate was given of the additional cost to business owners, developers,

builders or homeowners.

The real question is, should customers or a mandate decide the amount of green building we do? If it is as good as billed, than it will catch on just like the decorative concrete industry has in the last 15 years. Time will tell. 🥗

Doug Carlton operates Doug Carlton Concrete in Visalia, Calif. He can be reached at carltondoug@comcast.net.



Polished Perspectives

Gloss Testing: Think It Over Before You Commit

olished concrete — how does one quantify it? Well, one direction

that some installers, equipment makers and chemical densifier manufacturers have taken is to include gloss testing in their specifications. When used correctly, as an objective tool, gloss testing can help installers provide



by Peter Wagner, CSI

quantifiable evidence of their work. However, when used incorrectly, as a subjective tool, it can lead to false and often unsustainable expectations for the owner.

According to promotional copy from Alpha Professional Tools, portable gloss meters "enable quick, accurate measurements of gloss on flat, polished surfaces. This allows the service provider to ensure quality control and set a quality standard for floor restoration and fabrication work. It also allows the service provider to demonstrate before and after results." (My italics.)

Gloss readings are achieved by measuring the reflective index of light. However, when checking the gloss of a surface, physical properties of the surface (uniformity, surface irregularities) must be taken into account. It is one thing to check a homogenous surface, such as

glass, but measuring the gloss of ground and polished concrete is an entirely

different situation. Looking at the two small sample photos on this page, note the visually obvious differences. Sample 1 is concrete with exposed aggregate, and sample 2 is a salt-and-pepper look. It is evident that each sample is different in appearance, and it is these graphic differences that dictate the need to rein in the misuse of gloss readings as a subjective tool in specifications.

When utilized



Sample 1: Exposed aggregate floor sample



Sample 2: Salt-andpepper floor sample

correctly, gloss testing on polished concrete must be used only as an objective means to show a change from point A to point B, not a comparison between slab A and slab B, or pour A and pour B. To state in specifications that "Level 1" must be a reading of 35, "Level 2" must be 60 and "Level 3" must be 80 ignores what every knowledgeable installer educates his customers about. Concrete is a natural product. It is

influenced by the weather and the finisher, and no two slabs or two grains of sand are exactly alike, and if no two slabs or grains are alike, neither will two reflections be. Therefore. your gloss unit (GU) readings will naturally vary from point to point.

When you look at the two series of photos at right, you will note different GU readings three from the same exposed aggregate sample and three from the salt-andpepper sample. The range of GU readings varies by more than 20 GU

on the exposed aggregate and by more than 16 GU on the salt-and-pepper. This is a variance of between 20 percent and 37 percent, and the variances were found within a 6-by-12-inch sample area.

These samples were not created on concrete poured as test samples but on an actual, existing 20-year-old slab that was ground, polished and chemically densified. Clarity was achieved — the finished floor was uniform in appearance and gained great reflectivity. What these photos and testing verify is that inconsistencies will occur within any concrete slab, and that to use gloss testing as a finite tool is unrealistic, while using it as a comparative testing tool will allow you to provide your customer with an objective way to quantify gain (and polishing skills) in gloss.

When I was talking with Bill Jones, president of Substrate Technology Inc., the manufacturer of Prep/Master grinding and polishing equipment, he stated that he likes to see an installer provide a GU number as a qualitative







Three gloss readings from the same exposed-aggregate concrete sample. Note the range.







Three gloss readings from concrete with a salt-and-pepper look.

number to shoot for, but not necessarily the endpoint that one will always achieve. In addition, he noted that having GU readings as a guideline, not an absolute, allows the installer the opportunity to renegotiate, or if necessary, walk away from a potential disaster if steps required fall outside the bid. Without doing a test, one cannot know what steps are required and what GU reading can be achieved.

Whether your final look is cream, salt-and-pepper or exposed aggregate, the floor will dictate what GU you can achieve, and even then you need to have allowances for variations within each slab

And if the means for reaching a stated GU was applying a "guard" product, than you have delivered an artificial "sealed" result, not that of polished and chemically densified concrete. "Guard" products have their place, but not if they are used solely to increase GU readings. One can take a hard steel-trowel finish with an initial GU of 8, apply a "guard" sealer and achieve a GU of 44, but you haven't

delivered a permanent GU increase, nor have you delivered a true polished floor.

Take a floor to 400 grit, apply a densifier, and then use your "guard" product. Do you sell this as a polished, chemically densified floor? The answer should be an emphatic "No!" If your answer was yes, then with a little thought, it should dawn on you why our customers are confused about what polished concrete truly is.

Peter Wagner is marketing director for the FGS PermaShine System. He has more than 25 years of experience in the flooring industry and is in his 10th year in the polished concrete industry. He can be reached at pbwagner@lmcc.com.

Trowel and Error

Trends and Problems in a Weak Decorative Concrete Economy

Often, before writing an article or blog post, I go back and research questions I have answered in previous

months, looking for inspiration and ideas. It always amazes me how I can go back and clearly chart which products were popular and what the hot trend of the day was based on the type and number of questions I received



by Chris Sullivan

on a certain subject. Fast forward to present-day decorative concrete America, and once again a trend can be seen. Today's trend has less to do with any certain product and more to do with a weak economy and saving money. Just like people are finding ways to make their cars go another year to save money, so too are they are looking for ways to make their existing concrete work another year. The number of questions dealing with low cost and easy ways to turn a gray slab into something decorative has increased significantly over the last few months.

Along with the increase in "how" and "what to do" comes the increase in "how come" and "what if." This article is not about the products and systems filling the rapidly growing "low cost, make it look pretty" void, but the common misconceptions, pitfalls and problems that accompany this decorative trend.

The three decorative product families

making up today's popular trend are stains (I include acid, water-based and acrylic stains and dyes in this category), decorative overlays and sealers. These are all products that are post-applied (after curing) to concrete. They don't require forms, ready-mixed concrete or lots of labor. Let's take a look at each separately in terms of the common problems and mishaps.

The all-encompassing "stains" category still elicits the most questions and problems compared to other decorative product categories, hands down.

The most common misconception is that stains will cover past sins or cracks and worn areas on old or existing concrete. For those of you who make a living from staining concrete, you know this is far from the truth, and in fact most stains highlight or enhance what I like to refer to as "character marks" in concrete. Installer beware - manage your customers' expectations from the start, and take the extra time to explain in as much detail as necessary that staining concrete will alter the color of the slab (to a point), but will not hide structural or profile issues, such as cracks, pop-outs, worn areas and major color differences.

Now, keep in mind that there are translucent stains and opaque stains. Each will provide a different level of "hide," ranging from soft tints all the way to 100 percent coverage, similar to

paint. I have found that wood and how it takes stain is a good comparison when trying to explain options and results to those outside the industry. It seems most everyone can relate to how a stain affects wood, so using this to explain how concrete will look after a certain type of stain is applied always seems to get the light bulb to go on.

The other common staining misconception is that any concrete in any condition, in any environment, can accept stain, and the results are guaranteed to look like the pretty pictures on the back of the color selection chart or on the Concrete Decor Web site. Most stains are penetrating and will enhance the surface they are applied to. However, the saying "garbage in, garbage out" really holds true. Stains are only as good as the quality of the surface they are applied to.

If the surface is not prepared properly, you will not achieve good results. I have seen a dramatic rise in the number of people suffering from stain failures where attempts were made to cover carpet glue, tile mastic, or other types of contamination present on the concrete. The perception that old carpet or linoleum can be ripped out and stain applied without any additional preparation is an almost certain recipe for stain failure, or at a minimum, a less than satisfactory result. Even in a tough economy, where projects are hard to come by and competition for the same job is fierce, don't lose sight of the limitations these products carry and the true costs associated with installing them. I encourage anyone looking for that low-cost or "easy" stain fix to slow down and consider the true costs and steps involved with proper installation.

The typical progression for those asking for advice or assistance with a stain problem leads to decorative overlays. "We ripped the carpet out from our main floor and basement and applied a stain," is the typical leadin question. "The stain looks terrible, the stain color and sealer is coming up all over the floor, and I can see all the marks where the carpet glue and adhesive used to be - what can I put over this to fix it?"

This inevitably leads to a discussion

about decorative overlays, specifically microtopping systems. I am actually a big fan of decorative overlays, and I have personally applied tens of thousands of square feet successfully, quite a bit of it in my own home. If applied properly, and more importantly, maintained properly, they will last for years and years. Therein lies the issue. As with stain, decorative overlays seem to emit this sense of false security and lure

of easy money. The common problem with overlays is not the product — the mixing and application is the easy part. It is surface preparation prior to installation. I find that almost all DIYers and a fair number of professional installers don't really understand surface preparation and how to achieve a surface profile that will provide the adhesion these overlays require for a successful installation.



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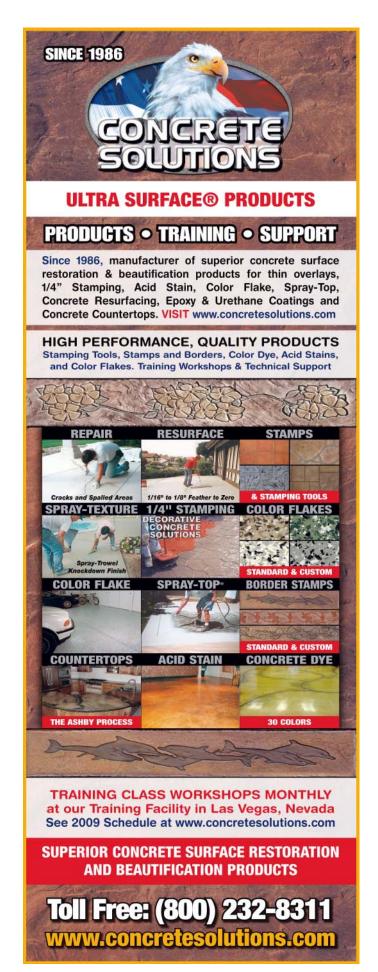
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The end result is often the same. Months later, the overlay is failing, and I can tell you from experience, repairing an overlay that usually has stain or some form of aesthetic coloring is time-consuming, expensive and almost never meets the standards of a now very wary homeowner or client. If you are considering a decorative overlay, please understand that there are no shortcuts or new revolutionary products that eliminate the surface preparation stages. Too often I am asked to consult or provide solutions for overlay failures where all parties involved tried to save time and money by eliminating all or some of the preparation steps.

Overlay products are great solutions for floors that have glue or mastic residue, construction contamination, or are just old and worn. They provide a new pallete on which to stain, color or texture. However, understand the product and process. Choose the product that is best suited for your application, and plan on spending more time and money on surface preparation than on the actual overlay.

After looking at the stain and at overlays, we come to sealing. Of the three products we are discussing, the most significant increase in the number of questions and problems in the last 6 months comes from the sealer category.

While sealers, both clear and colored, are a cost-effective way to make concrete of all types look better, they are not foolproof. Consider that most tinted or colored sealers provide a translucent effect. They do not hide or cover up those "character marks" we talked about earlier. Inexperienced applicators are not aware of this, so when the first coat does not provide the desired color or effect, common sense says apply another coat, and double up the amount just to make sure. This is a one-way ticket to sealer failure. Most decorative sealers are designed to go down thin. Building thick coats to achieve that solid color or shiny "wet look" leads to sealer diffusion. This is when the sealer comes away from the substrate or previous sealer coat, creating the classic white/ gray hazy look you get when sealers fail.

The other big issues with using sealers as low-cost decorative finishes all deal with application. I don't have time in this piece to go into detail, but a dry surface between 50 F and 90 F, free from any and all contamination, is critical to any new or reseal application. Also, take the time to read the installation guidelines for the particular sealer being applied. Not all sealers are applied the same way.

After writing a piece about problems, I always take a deep breath and consider that with the millions of square feet of successful installations that go down every year, the percentage that are problem jobs is actually very small. As with past economic downturns, this one will pass. As we start to see the light at the end of the tunnel, I will again be looking forward to identifying the next trend in the always-changing world of decorative concrete.

Chris Sullivan is vice president of sales and marketing with ChemSystems Inc. He has presented seminars and product demonstrations throughout North America, including at the World of Concrete convention. Contact him with technical questions at trowelanderror@concretedecor.com.

Green Matters

Greening your operations

oncrete contractors often tell me that they don't have any input in

the green aspects of the jobs they work on. By the time the concrete sub is hired. those decisions have been made, so what's the use of even bothering?



by William D. Palmer Jr.

That may be true, but

your general contractor or owner could be concerned about sustainability and counting on your contribution to increase their project's overall sustainability. In some cases, the difference between who gets a job could come down to little things like a bidder's green approach to the construction process. One way to demonstrate your commitment, and incidentally, to cut some expenses, is to green up your own internal operations by looking at your office procedures, transportation practices and on-site operations.

Office sustainability

Let's start by looking at a few things you can do to improve your office's sustainable practices. One of the best resources I've found is a checklist created by the North Carolina Department of Environment and Natural Resources. (You can download this checklist at www.p2pays.org/ ref/05/04040.pdf). Most of these ideas

not only contribute to sustainability, but also will save you money.

Paper use: Number one on the list of waste generated in the office is paper. Twenty years ago when computers became ubiquitous in our offices, claims were made that we were moving towards paperless operations. Instead, computers and copiers gave us the ability to generate paper at unprecedented rates. Office paper accounts today for about 6 percent of the entire waste stream — in 1960 it was only about 1.7 percent and in 1994 it was 3.2 percent. Here are a few ideas for ways to reduce paper use. Some of these may seem a little silly, but lots of little things can add up:

- Use both sides of paper, either by having two-sided printers and copiers or by reusing draft paper that has already been printed on one side.
- Use e-mail instead of paper correspondence.
- Circulate documents instead of printing copies for everyone.
 - Reuse old paper for notepads.
- Provide glass desktops and erasable markers for note-taking (just like on the TV show "Numb3rs").
- Set up documents single-spaced and with narrower margins.
- Get electronic versions of magazines and newspapers instead of the paper versions.
- Buy notepads with narrow lines. People follow the lines and can get more on a page.
 - Get plans and specifications

electronically and submit bids online.

Office equipment: Remember that true sustainability encompasses the ideas of life-cycle costs and durability. Buying equipment that will last longer instead of having to be replaced every couple of years greatly reduces your impact on the environment. Printers, copiers, computers — even light bulbs — should be purchased with longevity in mind. And always look into upgrading rather than replacing, especially with computers. A work-over has lower impact and can save you time and money.

Recycling and reusing: Develop an office recycling policy and make sure everyone is aware that you are serious about it. Increase the number of recycling bins and reduce the number of trash cans. Put up signs to make it clear what can be recycled and enforce the policy. Buy regular ceramic coffee cups instead of paper.

Power use: This one can save you significant costs without huge effort. One study documented a 50 percent reduction in power use by office

equipment after office workers were told how to set their power controls. Get programmable thermostats and let it get a little cool in the winter and warm in the summer. Open the blinds to increase solar heat gain where possible. Have your IT person set everyone's computer to cycle into hibernation mode when not used for an hour or so. Get rid of screen savers — today's monitors don't really need them and they use power. Unplug chargers and transformers when not in use — they continue to suck up power even when disconnected. Turn off the lights!

Indoor air quality: Billions of dollars in lost productivity and medical care each year are lost due to poor indoor air quality, according to the Environmental Protection Agency. Some offices have found much lower rates of absenteeism when their air quality is improved. You can get some guidelines on improving IAQ at the EPA's Web site (www.epa.gov/iaq). The simplest way to improve IAQ is by making sure you have sufficient ventilation and fresh air. Change furnace filters and ban smoking. Also, buy less toxic cleaning products.

Transportation

Concrete contractors spend a lot of time on the road, going to job sites, supply houses and project meetings. Insist that your company and employees do everything possible to improve fuel economy. The first thing, obviously, is to buy fuel-efficient vehicles. You can even go all out and look into hybrids, although the options are pretty limited, especially for trucks. At the Edmunds vehicle information Web site (www.edmunds.com), there are interesting articles about fuel consumption. Lots of other information is available. The Department of Energy even has a Web site on fuel economy (www.fueleconomy.gov). Here are a few tips:

- No aggressive driving. Edmunds found drivers often improved fuel economy by more than 30 percent simply by taking it a little easier. Also, accelerating rapidly sucks up fuel.
- **Don't speed**. Reducing your top speeds can reduce fuel consumption by



around 10 percent.

- Get tune-ups. According to Edmunds, poorly tuned engines decrease gas mileage by about 4 percent. A faulty oxygen monitor can reduce efficiency as much as 40 percent.
- Use cruise control. Edmunds found an increase in fuel economy from using the cruise.
- Air conditioning is fine. This one might surprise you, but Edmunds found no significant difference between using the air conditioning and driving with the windows wide open.
- Check tire pressure. Despite President Obama's advice, tire pressure only saves a little. Underinflated tires often cause less than a 5 percent loss in fuel economy, according to Edmunds. However, tire pressure is important for increasing tire life and safety. Check it monthly when the tires are cold, and inflate to the vehicle-recommended pressure, not to the maximum pressure on the side of the tire.

On the job site

There are lots of things you can do on a job site to improve your sustainability. We'll cover this more thoroughly in a future column, but one thing to consider is recycling. In North America, about 2.5 pounds of waste per square foot of floor space is generated during construction. A significant portion of that waste is recyclable, and the pressure to do so is either on you now or soon will be.

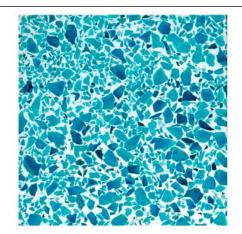
C&D (construction and demolition) waste is a huge part of the American waste stream — about 40 percent — and

with landfill space dwindling, local jurisdictions are pushing the problem back to the source. Today, more than 140 million tons of concrete are recycled each year. In Seattle, contractors are required to divert 80 percent of their waste to recycling.

Crushed concrete is actually becoming a valuable product in many areas, especially for projects trying to gain LEED credits. Since it is heavy, its contribution adds up quickly. Some concrete contractors have even gone so far as to purchase their own crushers. Tilt-up contractors often place temporary casting beds, then have to remove those slabs after construction ends. Leaving crushed concrete on-site is a great alternative.

Developing your own sustainability plan is simple, can save you money and perhaps will win you some work. Submitting a copy of your sustainability policy with each bid will grab some attention.

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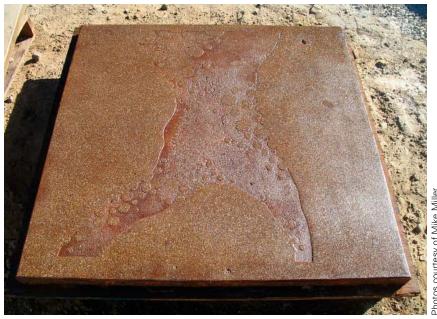
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the concretist



The portable mockup for a sandblasting job at a home in Truckee, Calif., was lightly diamond ground, stained and sealed. Notice how the raw embossed surface has been refined.

This Stamp is **No Cookie Cutter**

New-school Methods of Concrete Embossing

've always appreciated the craft of concrete stamping and the work

ethic and skill of a really good stamper. However, I've never quite understood why anyone would choose decorative concrete trying to look like used brick, or trying to



by Mike Miller

look like ashlar slate or tumbled marble, when you could choose brick, slate or marble. Isn't it better to be as honest and genuine as possible, in every way?

Why would anyone spend thousands of dollars on Parisian cobblestone stamps? A flight to Paris and a hotel for the weekend, for both concrete contractor and client to share mutual experiences and gather ideas, would've been cheaper and the real deal! Isn't it better to sample the red wine and French bread and read Colette on the actual Champs-Elysees? And, isn't it better to choose concrete trying to be ... well, concrete?

In response to a faux approach (like traditional stamped concrete) or an overly structured approach (architectural concrete), my co-principal, Kelley Burnham, coined the phrase "sensory concrete" to describe a product that embraces the innate qualities of concrete as well as the sweat and skill that helped create it. According to Kelley, sensory concrete focuses on tapping the energy endemic to concrete design and construction, revealing and interpreting its magic.

One of my goals is to always give the material a voice. I do this by utilizing my senses. I touch. I look long and hard, looking for nuances that may not be apparent at first glance, such as the ghost of aggregates near, but just below, the surface. I'm a bit of a concrete Buddhist. I try to see what's genuine. Take a close look at concrete, and acknowledge what it really is, not what you'd like it to be. Concrete is an imperfect yet beautiful material. It sometimes seems that the harder you try to make it consistent, the less that happens. Consider looking at all "the bad things" and emphasizing those more naturally occurring and dynamic aspects.

The new school

Not only does concrete offer its own unique qualities and inconsistencies, its relationships with its environment and other materials offer opportunities as well. Take the example of a sidewalk being finished on a shady lane, on a blustery fall day.

The finishers cuss as again and again leaves are blown onto the wet concrete. Some are removed and some are missed, and those are then finished into the mud. Voila! You have beautiful leaf fossils. At least, you hope that the owner looks at it this way! This was an error on this project, but how might it be used in the future to your advantage?

When I was with L.M. Scofield Co., I was often called out to look at color projects that had gone awry. Every year, there was at least one project where the client claimed that our color was no good, where the concrete had developed a case of "the measles." I'd go. I'd look. Was there a lawn adjacent to the concrete? Had the owner recently fertilized?

Ah, with Ironite granules ... Voila! Sporadic rust-colored spots had permanently stained the integrally colored concrete. It didn't look so good here, but how about on a variegated stain job? It might add a bit of a wormholey, travertinesque quality, or something a bit like knots in wood. Hmmm?

A case study

We recently recreated this "comedy of errors" on purpose for the wine cellar



Design for the main floor of the Truckee house. Are these branches? Are these roots? Does it matter?

of a 15,000-square-foot residence north of Truckee, Calif., in the Sierra Nevada mountains.

Kelley and I collected grape leaves, which were cast and sweat-finished into the concrete paving. Later, we'll stain and sporadically spot the concrete with iron-rich fertilizer granules. These spots should suggest something reminiscent of loose and bunched grapes. Not a bad start for the floor of a cellar and tasting room.

Just outside of the cellar was a hall. The architect, Dennis Zirbel, suggested an old-world streetscape feel. (Ultimately, it would be sanded and



Leaf fossils in a larger site mock-up.





Portable samples of patina-stained, ground and polished concrete.

stained like the wine cellar.) Kelley and I offered up natural gray concrete, lightly stamped with seamless slate texture mats, with noncoloring mineral spirits as a release agent. This surface would be subsequently stamped with a warehouse full of one-off, unmatched texture mats cut into random rock shapes. There would be plenty of space in between the mats, and nothing was to line up just right. "Impossible!" said the architect. "No street would ever look just like that! And the individual stones will appear embossed." That's right, Dennis... no street would ever look like that, but a whole lot of them would feel that way. What you asked for was an old-world streetscape feel. We were striving to capture a sense of place, the essence of a centuries-old La Rambla. The same way that an artist captures, interprets and recreates an essence in an illustration. After all, this isn't a street. It's a concrete floor in a house in the Sierras, isn't it?

In the same house, on the 7,500square-foot main floor, we had

suggested a meandering graphic of the branch and/or root system (depending on how you looked at it) of an ancient cedar stag. This was to radiate out from a central sunken fireplace, and we envisioned the design sandblasted into stained, polished concrete using plasma-cut steel templates. While mocking up the design and fabrication of the templates with artist Brian Giambastiani and concrete contractor Mike Price of Bay Area Concretes Inc., we discussed the simplicity and elegant economy of using these templates as embossing tools rather than templates. "Impossible!" said Price. "Unless you're looking for an oat-mealy, honeycombed piece of crap. You're not looking for that, are you?" Maybe? Mike placed 4by-4 samples at his shop and we gave it a try ... interesting. We moved on to 4-by-8 mock-ups in the mountains with Bob Higgins of CreteCraft Concrete Construction. The result was rough but really interesting, and never quite consistent or predictable. Just what we were looking for! The surface was

subsequently tamed by a light diamond grind, and stained and polished.

All design work is through, and off-site samples and on-site mock-ups approved. The lower floor, including the hall and wine cellar, has been placed. We intend to place the upper main floor this spring. All surfaces will be ground, stained and polished, and otherwise completed this summer. And when it's finished, we hope that everyone will be happy. However, our greatest disappointment would likely be if anyone says, "It's exactly what I was expecting!"

May you live in interesting times!

Mike Miller is vice president in charge of marketing for Colormaker Surfaces, of Richmond, B.C. He is also managing principal of The Concretist, based in Benicia, Calif. He can be reached at concretist@aol.com.

- www.colormakersurfaces.com
- www.theconcretist.com
- www.thevisualconcretegroup.com



A steel template for sandblasting.



When raw embossed concrete is light diamond-sanded with soft pads, stained and sealed, it becomes quite refined.



Business Strategies

Decorative Concrete Calls for Innovative Safety Management

B. Penick & Sons Inc. is known as an innovator in design-build contracting, structural concrete and decorative concrete concepts. The company is also

an innovator when it comes to the safety training and risk management techniques associated with construction.

Decorative concrete is a highly specialized form of construction.



by Peter Lupo

The product itself is unique, the tools, materials and construction methodologies employed are specialized, and the people who produce construction art are creative, dedicated artisans. That's in part why decorative concrete, creative design and architectural art call for unique safety training methods and safety solutions.

Safety for artisans who work in the concrete medium is just as critical as it is for laborers who work on scaffolds hundreds of feet above the ground. But the challenges in this area of construction are different. For one thing, you can see from afar whether a guy on a scaffold is following safety procedures. But when it's a matter of analyzing the air quality for a worker breathing chemical vapors, the

safety situation is more complicated.

This evolving niche area of construction calls for flexibility and innovation on the part of safety professionals as well as understanding and respect for the workers, the work being done and the creative process.

Communicating with artisans

Effective communication is a key to success. Unlike jobs that are driven mainly by plans and specifications, decorative concrete projects are original and inventive endeavors. Communicating successfully with artisans calls for an understanding of and respect for this creative process.

The fact is that a lengthy, elaborate OSHA (Occupational Safety and Health Administration) training course may be a wasted effort if the training is not appropriately geared to the artisans' learning styles, their perceptions, and the specific risks that they are likely to encounter

Decorative concrete work can involve potentially serious health issues for artisans as well as other workers in the near vicinity. Safety training needs to focus on the special chemicals, materials and tools used by these crews.

On the other hand, reciting chapter and verse of the OSHA safety manual

is rarely an effective training technique for creative minds. Indeed, this type of training may leave learners with the impression that traditional safety policies and procedures are irrelevant to the work they do and therefore shouldn't apply to them.

A better approach is to facilitate a learning environment in which learners solve problems that foster understanding of safety regulations and company policies. In this way, safety solutions are generated through a creative process and learners "own" the solutions. For example, seeing the consequences of not labeling chemicals or wearing personal protective equipment as required by OSHA allows a group to work backwards and get to the rationale and the necessity of those safety requirements.

The result is that artisans become more willing to adopt safety policies and integrate them into their creative processes on the job, and a culture of safety develops. This does not happen overnight, however, and it requires sustained follow-through, a strong commitment from management, and acceptance from the artisans themselves.

Unique safety considerations

The world of decorative concrete is exciting and ever-changing. New types of aggregate and novel techniques and methods produce striking new artistic outcomes. Newer, faster, sharper and more precise tools are being introduced into the workplace virtually every day for working cementicious products. Innovative chemicals and chemical combinations are also being developed. Safety methods must be flexible to keep up with the evolving state of the art.

Artisans often view the OSHA requirements for chemical safety as onerous and stifling. They may yearn for the creative freedom associated with the artist who paints on canvas and transforms himself into a colorful painted canvas in the process. However, artisans are also generally people who value their health and desire a healthy lifestyle. The image of a concrete artisan with acid and fine powder release agents on his shirt, pants and face is not so romantic or appealing to them.



Integrating safety into production

So how does a construction safety professional instill respect for OSHA policy and foster a culture of safety among artisans? Monitoring and consistent enforcement of safety regulations is crucial, of course. It is also imperative to get leaders in the field to buy in. Also, make sure all artisans understand that their compensation is tied to a safe outcome as well as a successful project.

Another approach is to use research and development to integrate safety into production. On a recent job in San Diego, some Penick crew members were required to wear heavy respirators all day while working with acid-based products. They were hot, uncomfortable and miserable. The company's R&D team found a way to reduce the vaporization of the acidbased products when reacting with concrete by altering the solutions used. An industrial hygienist was brought in to monitor the process and take air samples to measure potential exposure above OSHA's permissible exposure limit (PEL). The process was modified to bring exposures well below the OSHA PEL level, so the artisans were no longer required to wear respirators to perform the applications. This solution engendered a level of respect for integrating safety into production far beyond what any classroom training could have done.

In addition to the situation involving acid vapor exposure, we at Penick have developed innovative safety solutions to mitigate risks associated with aggregate dust concentration levels, chemical use, lifting and moving aggregate and other heavy materials, and concrete curing problems that are specific to the slow pours of decorative concrete applications.

Today, artisans at our job sites communicate regularly with the safety department, reach out to safety personnel for solutions, and greet safety inspectors on-site with confidence and enthusiasm, eager to show off their work and confident that safety is part of their creative process.

T.B. Penick's decorative concrete artisans have come to realize that while safety department personnel will quickly discipline for infractions such as not wearing safety glasses, they will just as readily help them solve real-world problems so they can achieve their artistic goals safely.

Peter Lupo is safety director for T.B. Penick & Sons Inc., which has provided award-winning construction, structural concrete, design-build and general contracting services in the commercial and public building sector for more than a century. The company is headquartered in San Diego, Calif., with offices in Ontario, Calif., Las Vegas and Ohio.

www.tbpenick.com



Trademark Concrete Systems Inc. Ventura County and Orange County, Calif.



otos courtesy of Trademark Concrete System

by David Searls

hen it comes to the decorative contract business, nothing beats a great portfolio. You can tell your prospective clients all you want about your ability to meet deadlines and come in under budget with quality work that's both innovative and ontarget — but showing counts for a whole lot more than saying.

With photos of projects completed for satisfied clients, you can get your foot in the door. After that, you can wow them with your savvy, punctuality and budget mastery. But it's that first part that's the toughest.

"I had been active in the decorative concrete industry since 1986 prior to starting Trademark in 1997, so I had solid contacts and a very good understanding of the industry," says Lance Boyer, 48, president of Trademark Concrete Systems Inc. "We began with a small core of six highly experienced employees and earned our way to bigger and better jobs each year. I believe that slow growth coupled with skilled, hard-working, quality-minded individuals has been the key to our success."



For Boyer, proving his ability is no longer an issue. After a dozen years, Trademark boasts some 60 employees in two Southern California locations and an online photo album full of projects that showcase outstanding range and aesthetics.

Backyards and small commercial

Boyer has built enough of a name for himself and his company to be able to open and expand offices in Orange and Ventura counties, a fulfillment of his long-term strategy to serve the sprawling Los Angeles metro area from two counterbalanced locations. Today, Trademark Concrete Systems is one of the largest decorative concrete contractors in the United States. The company Web site, at Trademarkconcrete.com, shows off landmark work for a diverse roster of commercial, retail, municipal, religious, recreational, educational and medical clients. Along the way, Boyer's been able to compile pictures that are, indeed, worth more than a thousand words when it comes to

new-client pitches.

All it took was patience and

"We started with a core of very good craftsmen doing backyards and small commercial work," Boyer says. Trademark worked its way up to "some nice commercial jobs in the \$100,000 to \$200,000 range after about a year in business."

Assignments even larger eventually

followed, including project work for municipalities, major universities, resorts and museums. As Trademark grew, Boyer and his company won the admiration of such repeat customers as senior project manager Tom Jones of C.W. Driver, a major builder based in Pasadena, Calif.

"They're very decorative and absolutely top quality," says Jones. "It's a very hasslefree relationship. They just do the work and I



don't have to hear from them. Quite frankly, I wish all of my contractors were like them."

An education in achievement

The rough economy hasn't put a damper on Trademark's growth, though Boyer obviously prefers not to jinx himself on that account.

"I don't like to talk about it much, but we're as busy now as we've ever been," he says. "Once you've established relationships with the premier general contractors and the designing community, you can keep the work coming in even during times like these. At least that's how it's worked for us so far."

The versatile nature of the Trademark project portfolio helps balance things out. While Boyer hasn't really noticed any weak market segment except for housing, Southern California's educational and medical facilities seem to offer particularly robust areas of opportunity. The company has completed interior and exterior work for public and private schools alike, including Asuza Pacific University, Pepperdine

University, UCLA and many others.

For California State University,
Fullerton, Trademark stained the 35-foothigh vertical walls of a student recreation center. Other recent projects include 70,000 square feet of exterior plazas and a grand entrance walkway at the Los Angeles County Museum of Art, a project Boyer refers to as "one of the most spotlighted projects in Los Angeles in a long time." Trademark's contribution to the project featured decorative saw-cutting and concrete with a fine sand finish achieved with a specialty surface retarder.

Then there's Splash! For the 14-acre Regional Aquatics Center, owned by the City of La Mirada, Calif., Boyer's work crews installed 150,000 square feet of specialty concrete, utilizing a fine surface retarder with nonslip properties in a kids' play area and on three pool decks.

Still striving

Boyer supports his growth by enthusiastically supporting the general contractors, landscape designers, architects

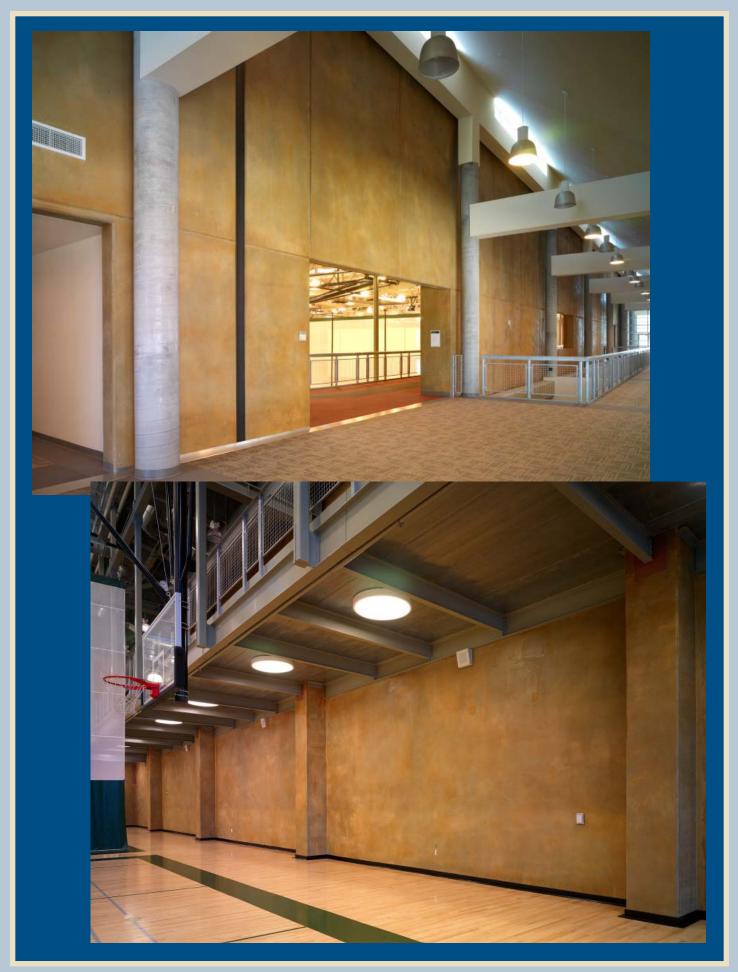
and property owners who make up his valued client base. This involves, in part, "making up a lot of no-cost samples and offering lunchtime educational programs for the design community," he says.

The company also provides a popular and easy-to-use online software program for product matching that considers color group, aggregate, finish and other factors.

Most importantly, Boyer maintains project versatility and takes work where he finds it. "Decorative concrete presents itself in many different facets," he says. "We're constantly training and directing our workforce to be as versatile as possible while maintaining the highest standards of quality and service our clients have come to expect."

Although he's arrived at a point in his career where he could pick and choose, Lance Boyer is still striving to update and improve that already impressive portfolio of achievement.

💲 www.trademarkconcrete.com





Photos by Steven Ochs

Freeman Justice Center, **Key West, Fla.**

Contractors: Steven Ochs and Gerald Taylor

by Stacey Enesey Klemenc

hen Steven Ochs and Gerald Taylor won the contract to create a mural for the entryway of the Freeman Justice Center, the new Monroe County courthouse in Key West, Fla., the Arkansas artists were expected to capture the essence of the building's namesake in concrete.

The Freeman family is one of the most respected in Florida Keys history. From 1924 to 2000, six family members amassed 106 years of public service in a variety of elected offices, all without a blemish on their records.

Ochs and Taylor traveled to Key West and met with Dr. Shirley Freeman, former mayor of Key West and ex-county commissioner, to help them understand the legacy of her late

husband, Billy Freeman Jr., who served for 34 years as a county commissioner, a Florida state

Project: Mural at entrance of Freeman Justice Center, Key West, Fla.

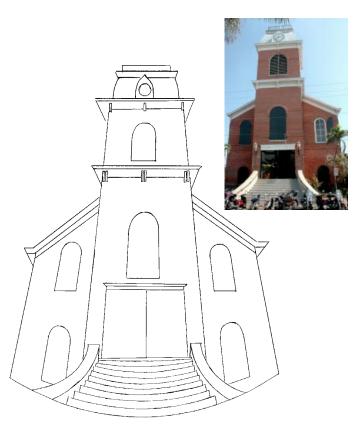
Sponsored by: Florida Keys Council of the Arts and the Art in Public Places project

Location: Outside the entrance of the Freeman

Justice Center in Key West, Fla. Lead contractors: Steven Ochs, art professor at Southern Arkansas University in Magnolia and owner

of Public Art Walks, and Gerald Taylor, owner of Images in Concrete, El Dorado, Ark.

Scope of work: From concept to completion, create a culturally significant concrete mural for the entryway of the new Monroe County courthouse.



Steven Ochs deliberately distorted his sketch of Key West's Old City Hall.

representative and the local sheriff. At first, the sidewalk mural was going to focus on Billy Jr. alone.

However, Shirley eventually decided it would be better to highlight the accomplishments of all six Freeman public servants.

Each of her relatives had saved a historic building in some way. From a modest dwelling for railroad workers on Pigeon Key to an old electricity plant transformed into modern-day Key West condos to the gingerbread-style Freeman family home where Shirley still lived, the buildings represented the eras in which each Freeman had served.

For the next three days, Ochs and Taylor found and photographed the buildings while tooling around on oneof-a-kind bicycles hand-painted by the appropriately named Captain Outrageous.

The bikes — supplied by their island hostess, The Gallery on Greene owner Nance Frank — not only allowed them to blend with the natives, Ochs says, but "offered a means to conduct research at a pace that was easier to process."

Next came the hard part. Ochs, an art professor at Southern Arkansas University in Magnolia and owner of Public Art Walks, and Taylor, owner of Images in Concrete, a decorative concrete outfit based in El Dorado, Ark., returned home to tackle the most challenging phase of the project — creating a design that incorporated depictions of all six buildings and made structures ranging in style from art deco to Greek revival look like they belonged together.

"(To unify the image) we came up with a circular format and a one-point perspective with exaggerated ellipses," Ochs says. "Distorting each building with linear and elliptical



Gerald Taylor scores the design for the Freeman Justice Center project. He is using a crack-chaser diamond blade to create a V-shaped line.

perspectives while retaining their identities was my attempt to pull it all together."

Once Shirley Freeman whittled seven proposals down to one, Ochs and Taylor made a template. "By tracing a line image projected onto a sheet of plastic, we created a pattern, and then we burned tiny holes along the lines so a chalkfilled pounce bag could transfer the image once we returned to site," Ochs says. With design in hand, they were ready to head back to the Keys in mid-August 2008 — not realizing it was also prime hurricane season.

At work in the Keys

When the artful duo returned to Key West, they learned they had only three days before Tropical Storm Fay was scheduled to make landfall. With no time to waste, they positioned the pattern and transferred the image.

"Gerald scored the curved lines with the aid of a diamond-blade angle grinder attached to a compass beam and freehand-cut many of the straight lines," Ochs says.

They then cleaned and etched the slab with Green Clean from Smith Paint Products. Although they had been using a Smith cleaner for nearly five years — they usually used

CT-8 cleaner — this was the first time for Green Clean, an organic acid that reminded Ochs of hair gel.

He liked it because it was easy to use. "It would stay exactly where we put it and only required some light broom action to spread it around equally." He also didn't have to worry about the gel absorbing or drying too quickly before the etching was complete.

"Usually we have to scrub with a floor machine or add water and frantically agitate with brushes," he says. "You could tell immediately by the rate of foaming that this product worked aggressively, and it was a welcomed break to sit back for 20 minutes while we watched it boil."

After rinsing, they applied a base coat of

Smith Color Floor, a
water-based concrete
stain, with Smith Base
Boost, a blend of silicates
that promotes substrate adhesion.
"When mixed with the stain, Base Boost
improves its adhesion by chemically
reacting with the unhydrated calcium
hydroxide particles in the concrete to
lock (the stain) into the substrate," Ochs
explains. "This reduces the dusting or
fines typical with new concrete."

Not too bad for a day's work. After a few hours sleep, for the next 25 hours Ochs and Taylor endured the kneenumbing, sun-blistering task of painting the details.

Day two

Turns out, the August sun in Key West is brutal. "I had never seen anybody get sunburned through their shirt before," Ochs says about Taylor. "Ironically, it was lobster season in the Keys."

Later that afternoon, a member of



the Arts Council put up a tarp, which provided much-needed shade, and set up some bright lights so Ochs and Taylor could paint through the night into the next day.

Ochs says they chose a very simple, high-contrast color scheme for the buildings, using specially made paint loaded with white pigment and a dark chocolate instead of a black. "We wanted it to be monochromatic as another way of bringing unity to all the different buildings," he says. They employed a technique called "chiaroscuro," which entails dramatics contrasts between lights and darks.

They also mottled the two paints together to get various light and dark shades. When they finished painting the buildings, they floated metallics over the top of the whole thing, a technique called "underpainting and glazing."

"Since the final layers of color were going to be metallic gold and copper, we knew the whites and blacks had to be bold, because they would eventually be toned down under the layers of metallic pigment," Ochs explains.

"If we had added any lights or darks to the gold or copper, they would have become muddy and lost their shine," he continues. "The top thin layer of metallic gives the illusion of dimension. And when the sun hits the painting just right, it flashes like a brand new penny."

Racing against Fay

As predicted, Fay was barreling their way Aug. 17, with a deluge of rain and high humidity in tow. It was day three and time to seal. Ochs and Taylor chose to use Arizona Polymer Flooring's two-component Polyurethane 250 as a primer. They topped off three coats of

that with one coat of APF's Polyurethane 100 (a two-component aliphatic polyurethane) with a texture of 40-gritto 60-grit poly-resin sand.

"Between every layer, the wind blew, the clouds darkened and another band of rain forced us to grab our materials and run for cover," Ochs remembers. At the onset of each shower, they were lucky the Poly 250 had just enough time to flash and develop a skin so they never had any issues with moisture.

"We would towel-dry the work and get ready for the next layer of sealer when it would flat pour again," he says.

Ochs and Taylor rolled on the Poly 100, a high-performance sealer known to be extremely hard, and not surprisingly, it was still quite sticky a half hour later. It usually takes between 4 and 6 hours to be touchable and 24 hours to be ready for light foot traffic — time they didn't have.

"The clouds opened up once more and it felt like we had been hit by a wave," Ochs says. "My heart stopped as I stood there gazing downward trying to grasp the realization of a full-blown failure. While my mind was racing with all the logistics of the time and cost to repair, I reached down and touched the surface. To my surprise, it was no longer sticky." By the grace of God, the coating had cured just enough to resist the outpouring from Fay.

Homeward bound

After a well-deserved night's rest, the duo headed for Duval Street to buy souvenirs when they noticed there were no tourists anywhere. Instead, work crews were busy securing storefront windows, and news media were set up on every street corner.

"What are you doing here?" someone asked. That, Ochs says, is when they discovered a mandatory evacuation had been declared for the Keys 12 hours prior. One store stayed open long enough for him to buy Tshirts for his two sons so he didn't have to return home empty-handed.

"Fay chased our rental car for nearly five hours all the way back to Ft. Lauderdale," Ochs recalls, adding they



The Key West project was finished just in time to successfully weather Tropical Storm Fay.

didn't even stop to fill the tank before turning in the car. "Our standby tickets were barely honored as we were given the last two seats on the plane." Hours later, the airport was closed.

Fay made her way through Florida, across the Gulf and eventually even blew into Arkansas. But, Ochs says, "she left

our mural and us unscathed thanks to quality products, great people and a lot of luck."

- www.publicartwalks.com
- www.imagesinconcrete.com
- 💲 www.saumag.edu



by Kelly O'Brien

ike any craftspeople, concrete contractors are always looking for new ideas and new inspirations for their next project. While we hope that all the work we showcase in Concrete Decor serves that purpose, once a year we like to provide some striking effects with step-by-step instructions in this, our annual Color Recipes feature.

We reached out to industry manufacturers for their favorite effects and asked them to walk us through the process of creating them. We hope you'll use these as a resource, whether you decided to recreate one of the effects directly or just incorporate some of the techniques into your own projects.

Exposed Aggregate Faux Paver Effect

Butterfield Color

www.butterfieldcolor.com

This simple textured look is very versatile and easily achieved with just a few ingredients.

Ingredients:

Stencils

Butterfield Surf Etch Top Surface Retarder

Butterfield Clear Guard Cure and Seal or Butterfield Clear Guard H20 Cure and Seal

Instructions:

⇒ After bull-floating and hand-floating your concrete surface and allowing excess bleed water to dissipate, cut and place your chosen stencil over the new concrete.

Use a stencil roller to lightly embed the stencil. Do not embed the stencil so that it is covered with cement paste. The stencils should be placed before the concrete surface starts to dry. (Make sure the stencils have complete contact with the concrete surface. This will prevent the Surf Etch Top Surface Retarder from bleeding onto the mortar joints.)

➡ Mix Surf Etch Top Surface Retarder and apply an even coating of it to the concrete's surface. (You can use a pump-up sprayer, brush or roller to apply the product.) Apply material evenly to achieve a masking, consistent blue color over the concrete.

⇒ Within six to 24 hours after the application, remove



Photo courtesy of Butterfield Color

the stencils, and expose the aggregate by washing the surface using a garden hose and a new, clean broom or a pressure washer. Work one small area at a time before moving on to the next one. (If the depth of reveal is too deep, stop washing and allow the concrete to cure and harden further.)

⇒ Allow the concrete to dry for 12 to 24 hours.

Apply the liquid curing compound. Use Clear Guard Cure and Seal for exterior applications or interiors when a strong odor is not a concern. For interior applications, the water-based Clear Guard H2O Cure and Seal system is a better choice. Multiple light coats are necessary over the roughened, etched surface.

Vineyard-inspired Color Combination

Flex-C-Ment - Picayune, Miss.

www.flex-c-ment.com

Give your next faux-stone wall vertical project the look of a Spanish vineyard with this effect from Flex-C-Ment.

Ingredients:

Flex-C-Ment Liquid Colors (Dark Cyprus, Spanish Red, Mauve, Charcoal)

Flex-C-Ment Accent Enhancer

Flex-C-Ment Flex-Seal water-based sealer

Instructions:

- ⇒ Apply Flex-C-Ment Accent Enhancer with a cellulose sponge lightly on the outer surface of the high areas of the stones. Let dry for 15 minutes or longer.
- ➡ Brush/sponge on base color (1 part Dark Cypress)
 mixed with 10 parts Flex-Seal sealer). Randomly sponge color on individual stones.
- ➡ Brush/sponge on base color (1 part Spanish Red
 mixed with 10 parts Flex-Seal sealer). Randomly sponge color on individual stones.
- ⇒ Brush/sponge on antiquing color (1 part Mauve and 1/4 part Charcoal to 5 parts Flex-Seal sealer). Brush into crevices, and lightly sponge and blend with damp clean



courtesy of Flex-C-Ment

sponge. Randomly sponge some stones more than others to achieve a variation of light and dark stones. Let dry for at least 60 minutes.

 ⇒ Rub lightly with a medium-grit sanding pad to
 soften the stones and give them a weathered look.

Tile Finish for Resurfaced Floors

SuperStone — Opa-Locka, Fla.

www.superstone.com For your next resurfacing project, try this crisp, clean tile design.

Ingredients:

SuperStone Super-Tex Wet-n-Ready (White) SuperStone Color Hardener (Terra Cotta) SuperStone Color Hardener (Cobalt Blue) SuperStone Concrete Sealer (solvent-based, clear)

Instructions

- ➡ Mix a 50-pound bag of Super-Tex Wet-n-Ready with water, following SuperStone's specification of 6 quarts of water per bag. After mixing with a jiffy mixer, let stand for about 15 minutes, then mix again. Apply this mix with a rubber-tipped squeegee. Wait for this application to dry.
- ⇒ Apply 1/2-inch reinforced paper tape to the dried surface to mark out the grid for the design.
- ⇒ Prepare another batch of Super-Tex Wet-n-Ready with enough water to achieve a creamy consistency, and spread this mix with a trowel to get the desired texture. Remove the tape to expose the gridlines. Let the mix dry completely.
- ➡ Mix small amounts of the Terra Cotta Color Hardener with water. (The amount of the color hardener you use will depend on the shade of the color you desire.) On the larger squares, a light mix of the Terra Cotta Color Hardener was used, hence the lighter shade. On the lines between the



Photo courtesy of Alex Concrete Design

squares, a heavier dose of color hardener was used to get the darker shades. Apply the color hardener to the desired areas with a sponge.

- ➡ Mix small amounts of Cobalt Blue Color Hardener with water. (Again, the amount of color hardener will affect the shade.) Apply this Cobalt Blue mix to the small squares in the design.
- ⇒ Wait for all these staining applications to dry
- ⇒ Seal the surface with two coats of Clear SuperStone
 Sealer, a solvent-based acrylic product.

Colored Sealer with a Shine

Elite Crete Systems Inc., Valparaiso, Ind. www.elitecrete.com

This incredibly simple staining application lends a distinct reflective sparkle to any floor.

Ingredients:

Elite Crete Systems CSS Emulsion clear sealer Elite Crete Sysems Reflector Enhancer (Orange Gold, or as desired)

Instructions:

- Clean the concrete to ensure that paint, debris, petrochemicals and previous sealers are absent from the
- Allow the surface to completely dry if a wet surface preparation method was used.
- ⇒ Add 4 tablespoons of the desired color of Reflector Enhancer to a gallon of ready-to-use CSS Emulsion. In this case, Orange Gold Reflector Enhancer was used as the primary initial color coat.
- Using a commercial-grade pump-up sprayer, apply the CSS Emulsion and Reflector Enhancer mixture onto the prepped surface at a rate of 250 square feet per gallon.
- Allow the surface to dry 5 to 7 hours before opening up to light foot traffic and at least 24 hours before heavy traffic.



Elite Crete Systems courtesy of

Stained & Resurfaced Floor Treatment

H&C Concrete, Cleveland, Ohio www.hcconcrete.com

Perfect for a one-of-a-kind finish, this floor treatment gives you lots of room to get creative with your colors.

Ingredients:

H&C Resurfacer Heavy Traffic texture system

H&C Color Packs (Base coat: Sandstone; topcoat: Birch Bark)

H&C Semi-Transparent Decorative Stains (Meadow Green, Obsidian, Pumpkin Spice)

H&C Concrete Sealer, Solvent-based (Clear) or a water-based sealer (such as H&C Concrete Sealer Wet Look)

Instructions:

- Blend the Sandstone Color Pack into the water to be mixed with the Resurfacer.
- ➡ Mix Resurfacer into colored water. Pour mixture onto the concrete and trowel or squeegee down smoothly. Typically a darker color is used for the base coat, as it will eventually only be visible as the "grout" lines.
- ⇒ After the Resurfacer has set, apply the tape in the pattern desired over the base coat, being sure to leave extra tape hanging off the edges to provide a starting point when it's time to remove.
- ➡ Mix the second Color Pack (Birch Bark) into the water for a second batch of Resurfacer.
- ➡ Mix and pour this onto the concrete in small amounts and trowel down using a random fanning motion. Lift and drop the trowel as you work to create peaks and valleys (or



Photo courtesy of H&C Concrete

use the trowel to create another desired pattern).

- ⇒ Allow to dry overnight.
- ⇒ Remove the tape to expose the pattern.
- (blended with water at a 2-to-1 dilution rate), spray the stain with a pump-up sprayer, blending and diluting colors to achieve a unique look. Apply as liberally or lightly as desired, and feel free to remove any stain to lighten the color, should too much be applied.
 - Allow to dry 4 to 6 hours.
- Apply a water-based or solvent-based sealer. Keep in mind that a solvent-based sealer will darken the final appearance.



Specialty Concrete Products — Columbia, S.C. www.scpusa.com

This top-to-bottom (well, really bottom-to-top) overlay recipe is great for putting down a distinctive design, such as this swordfish.

Ingredients:

SCP Veneer-Crete Stamp Overlay System (Pewter, with Charcoal Powder Release Agent)

Stampmaster Vegas Seamless Stone texture mats

SCP Chrome Etch acid stains (Cool Blue, Citrus Green, Storm Green, Rust Brown)

SCP Stone Shade dyes (Neon Blue, Pine Green)

SCP Stencil-Crete grout (White)

SCP Chrome-Seal 30% sealer (Clear)

Ammonia or baking soda

Instructions:

- ⇒ Prep existing concrete surface for overlayment (clean surface thoroughly and repair cracks and spalling if needed, honoring existing control joints).
 - Apply thin polymer-modified SCP bond coat material.
- Apply precolored Pewter SCP Veneer-Crete Stamp Overlayment at 1/4-inch depth.
- Apply layer of SCP Charcoal Powder Release Agent (may be broadcast or brushed).
- ➡ Place Stampmaster Vegas Seamless Stone texture skins
 on surface and tamp texture into surface of Veneer-Crete.
 - Allow materials to cure out overnight.
- ⇒ Wash surface. A pressure washer can be used to wash excess SCP Charcoal Powder Release Agent off surface. Then, wash down to desired amount of Charcoal highlight.
- ⇒ Honor existing control joints in concrete by cutting through overlayment to reopen them. Place new control joints if needed by cutting through depth of overlayment and onethird the depth of the concrete slab.
- Allow recommended cure time on material prior to applying SCP Chrome Etch acid stain. (The time will vary

depending on material and material thickness. Roughly 1/4-inch of SCP Veneer-Crete needs five days at moderate temperatures.)

- Score concentric circles to create outside border using a saw cart or an Engrave-a-Crete Mongoose with circle attachment. Score 1/4-inch deep.
- Draw the fish design inside the border using pencils. (This can be freehand drawing, projected down and traced, or you can use a template.)
- Score design into surface (1/4-inch deep) using a small handheld side grinder with a diamond blade.
- Using sponge brushes, work SCP Chrome Etch acid stains into surface using small circular motions. Scored lines work as color separation guides. (For larger areas, you can spray Chrome Etch acid stain onto the surface.)
- For this design, Storm Green was used on the circle border, Cool Blue was used on the background (highlighted with Rust Brown in areas), and Citrus Green was used on the fish.
- ⇒ Neutralize the next day by applying a solution of 1 quart of ammonia in 5 gallons of water to the surface. As an alternative, mix 1 pound of baking soda into 5 gallons of water. Work into surface with soft bristled broom and flush with clean water. Allow to dry.
 - Roll (or spray) a coat of Chrome Seal 30%.
- To add some final depth to the color, use sponge brushes to apply Stone Shades to the desired areas, dryragging to bleed edges and achieve the desired amount of shade. Allow to cure. For this design, both Neon Blue Stone Shade and Pine Green Stone Shade colors were applied to the fish.
- ⇒ Apply SCP precolored Stencil Crete Grout into the scored lines and allow to cure. Clean off excess grout residue.
 - ⇒ Roll (or spray) second, final coat of Chrome Seal 30%.



Photo courtesy of Kemiko Concrete Products and Jagger SSC, of Dallas, Texas

Glossy Floor Finish

Kemiko Concrete Products — Whittier, Calif.

This elegant color combination is the way to go for a simple design that calls for a two-toned color scheme.

Ingredients:

Kemiko Neutra Clean

Kemiko Black Stain, in two batches:

Lighter color - 1 part Black Stain to 18 parts water

Darker color - 1 part Black Stain to 4 parts water

Kemiko Stone Tone Wax II (Buff On)

Instructions:

- ⇒ Wash the concrete surface thoroughly with Kemiko Neutra-Clean, using either a slow-speed floor machine with a scrub brush attachment or a long-handled, medium-stiff bristle brush. Then wet-vacuum (preferred) or mop (many moppings may be necessary) to remove all dirt. Allow the floor to dry completely.
- ⇒ After mixing the stain batches, apply them to the floor with a foam brush, working wet on wet. Apply the lighter color three times (be sure to let each coat dry completely) and the darker color twice.
- After the floor has completely dried, scrub off the residue using a slow-speed floor machine with a scrub brush attachment, Neutra-Clean and water only, or a longhandled, medium-stiff bristle brush, and remove the waterand-residue mixture from the floor with a wet vacuum (preferred) or a mop and squeegee. (Note: If color comes up on a white towel after wiping the floor, clean again.)

- Apply Kemiko Stone Tone Wax II (Buff On) with a heavy floor-polishing machine (slow speed, 175 rpm) and three attachments, to be used one after the other: a Bassine brush when applying (this stiff natural-bristle brush is the most critical of the three steps when achieving the effect), a medium-bristle brush (Palmyra, Union Mix, or Tampico) when buffing, and a polishing pad (if needed).
- ➡ When putting the wax onto the floor, spread a smooth light coating of wax out from the walls (2 to 3 inches) and in the corners out to the radius of the floor machine attachment. Put no more than 1/8 cup of wax on the floor in the center of the first 3-foot to 4-foot square. It will appear wet and dull. Immediately work the wax by spreading and burning it in with the natural stiff-bristle attachment (this may take one to two minutes). Move to the next area, maintaining no larger than a 3-to-4-foot quadrant, and repeat the step only after the wax in the preceding area is giving off a slight glare and the wax ridges have disappeared. Mineral spirits will soften any ridges or excess wax, allowing it to be spread and worked in.
- ⇒ When you have completed the application phase, change to the medium-bristle brush attachment and buff the entire floor, including your original hand-waxed areas. After buffing, if greater protection is desired, repeat the first phase, applying a thin second coat. Then rebuff. If a slightly higher sheen is desired, buff with the soft polishing pad.

Mottled Metallics

Miracote - Rancho Dominguez, Calif. www.miracote.com

This technique uses manufactured silicon dioxide platelets coated with titanium dioxide to create a multilayered, variegated, hammer-toned seamless floor coating over concrete or an overlayment.

Ingredients:

CQ Clear Epoxy mixed with Midnight Black ColorPax-E Chameleon Dispersing Agent mixed with Radiant Sunrise Chameleon "Flip-Flop" Special Effects Pigment Chameleon Dispersing Agent mixed with Star Silver Chameleon Special Effects Pearlescent additive

Instructions:

- Apply the Midnight Black epoxy base coat to a clean surface. This allows for the highest amount of color stimulation.
- ⇒ Prepare two spray bottles with each color blended with the dispersing agent.
- ⇒ Spritz the lighter silicon dioxide (Star Silver Pearl) across the surface.
 - Repeat with the darker color (Radiant Sunrise).
 - Apply a final clear urethane coat to seal.



Photo courtesy of Miracote





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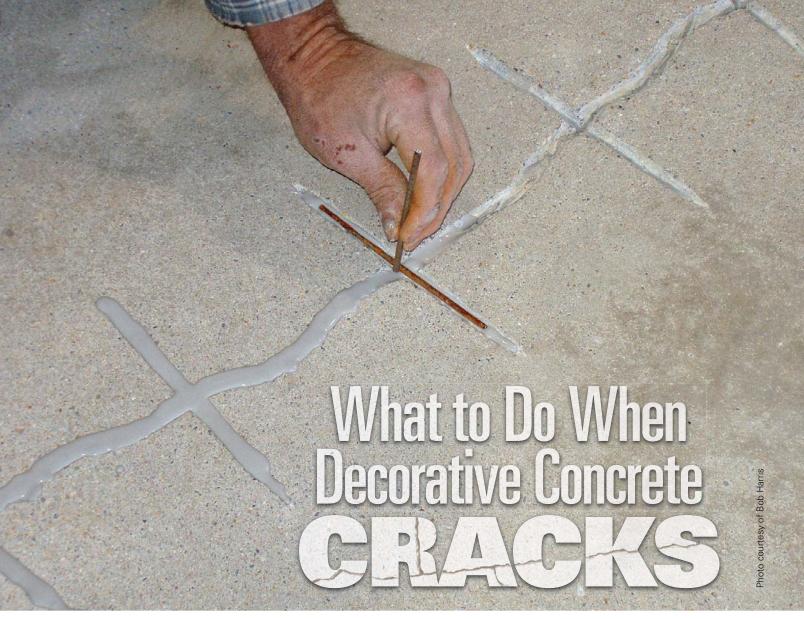
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On repair projects such as this one, the application of a cement-based overlay may require several coats, depending on the type of product the contractor is using and the thickness at which it's applied, to prevent ghosting in the new topping.



Using a crack-chaser saw to repair a crack.

by Sue Marquette Poremba

here is at least one thing all concrete installers agree on: Concrete cracks. They differ, however, on how to approach repairing those cracks.

The American Concrete Institute report "Causes, Evaluation, and Repair of Cracks in Concrete Structures," prepared by ACI Committee 224, lists a dozen different ways to repair cracks, so it is no surprise that installers use different methods and approaches. According to the report, "cracks need to be repaired if they reduce the strength, stiffness, or durability of the structure to an unacceptable level, or if the function of the structure is seriously impaired ... In addition, repairs that improve the appearance of the surface of a concrete structure may be desired."

Cracks often appear because not enough joints have been cut in the concrete, notes Scott Metzger of Metzger/McGuire. "Once the crack has been induced, you already have a plane of weakness."





On this 40-plus-year-old pool deck, there was no way to remove the concrete without damaging the pool shell. The decision was made to repair and overlay.

Getting started

So when it comes to crack repair, where to start? John Heidmann, general sales manager for Concrete Polishing Solutions, says the first thing to do is to clean the crack. "You use a crack-chaser blade, which is specifically designed to even the crack out to a specific depth," he explains. "This will allow you to have a clean, even edge on either side of the crack and then come back and fill it with a joint filler." A semirigid material is used to fill the crack because it has some flexibility to it, he says.

It is important to establish why the crack is being repaired, says Chris Sullivan, vice president of sales and marketing with ChemSystems Inc. "Is this an aesthetic repair, where the repair needs to look as good as possible, or is it is a repair that is going to be covered by something, like an overlay or something like that? That will determine what materials you use, how careful you need to be, and what it needs to look like."

Also, cracks should be reviewed to determine whether they are plastic shrinkage cracks, structural cracks or settlement cracks before any repair technique is considered.

Because most repairs aren't aesthetic and most crack repair is done on floors, Sullivan prefers what is known as bridging or knitting a crack. "You fill the crack and then put some kind of bridge across the surface so it's convex," he explains. "You take the impression out so whatever you put on the surface doesn't (settle) into the opening."

Bob Harris of the Decorative Concrete Institute uses crack stitching. "We take a 4-inch diamond grinder," he says, "and we'll chase the crack for depth, following the contour of the crack." Perpendicular cuts are made across the crack, and block ladder wire is embedded into those cuts. The crack is then overfilled, and when it is dry, they grind it back flush. "It looks like Frankenstein's monster," Harris admits.

One of the more popular ways to fix cracks that are structural is with crack injection. Holes are drilled into the crack at intervals that equal the thickness of the slab. Epoxy is injected into the first hole until it overflows out of the second one, and so on, Harris says.

A specialized repair product like Roadware 10-Minute Concrete Mender is another option for crack repair. "We put Mender into the crack and it has an attraction to the rock," explains Richard King, vice president of sales and distribution for Roadware Inc. "It's thin enough to get into the concrete and it pulls to the aggregate." Sandblast sand and Concrete Mender in a crack combine to create "polymer concrete," in which a polymer does the work of portland





A finished piece over the top of severe cracks. After more than three years, no cracks have reappeared.

cement. "Once it cures, it will never get harder than the original slab," King adds.

Repairing static cracks in stamped concrete or countertops is much more difficult, says Sullivan. "You are blending color and texture, and there is a limited number of materials that are going to allow you to create something that is exactly the same or to blend in," he says. "You can use colored caulks or grouts, but trying to blend those in can make it look worse. I tell people that it is sometimes better to make it a contrasting color and make it look like the crack is there for a reason."

Making do

Sometimes not fixing a crack is okay, says Bob Harris. "You can make it part of the design," he says. "We do that often by doing things like staining it a different color or saw-cutting leaves on the other side of it to make it look like a

Crackerjack Design Ideas

To quote Leonard Cohen, "There is a crack in everything ... that's how the light gets in."

That's how The Concretist's Mike Miller views cracks. "Cracks aren't a bad thing. It's what concrete wants to do," he says.

That's why, rather than focusing on repairing cracks, he embraces them. He compares them to veins in marble and knots in wood. "Cracks give concrete its character," he says.

Miller incorporates cracks into the decorative scheme of a concrete piece. He will grout a crack to expand it or fill the crack with bronze or brass powder.

"We don't try to mimic geology, but we stylize things," he

says. For example, to create a rock strata look, Miller will spray a layer of dye, then use pieces of paper to create random edges, spraying with more of the same dye or a different colorant. The idea is to create visual textures. "Instead of only having cracks, we create a secondary layer that doesn't necessarily follow the crack but complements it."

While he allows that not all cracks are good cracks — "You don't want anything that opens wide or can be tripped over" — most can be looked at positively, he says. "If you are going to get cracks, it's better to turn them into something visually pleasing."

vine. Every situation is different."

When should a crack be repaired? Sullivan suggests repairs in the following circumstances:

- The crack has become a safety hazard.
- The performance of the concrete is compromised.
- The appearance of the crack takes away from the look of the concrete.

According to Harris, a moving or working crack that is more than the width of a credit card or a crack that is elevated should be repaired. Also, if the crack could cause an unhygienic situation, as a crack in a countertop or on a kitchen floor might, it should be repaired to prevent bacterial growth.

"But if it is a tiny, paper-thin crack and is static, I'd leave it," says Sullivan.

Rarely is replacing the slab preferable to fixing the crack. The cost of replacement can be prohibitive, costing up to five times as much as the original slab.

"There are repair materials to address just about any situation," says Heidmann, "so I don't know if the crack itself will dictate busting up and replacing the slab. I think it comes to down to whether the slab is going to be polished as a final flooring or if something is going to be put on top of it."

Although concrete experts understand that cracks will happen, their customers aren't always so knowledgeable. In fact, Metzger says, most customers view cracks as a

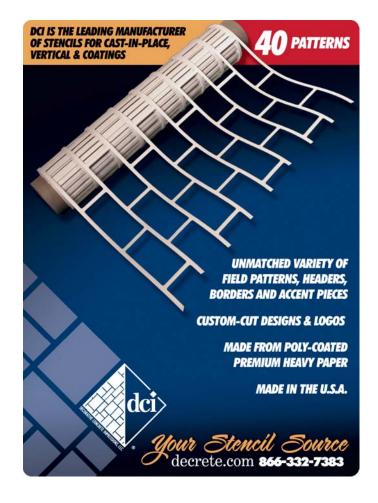
flaw. Therefore, managing customer expectations is very important, the experts agree, and it is vital to have good communication from the very beginning of project discussions.

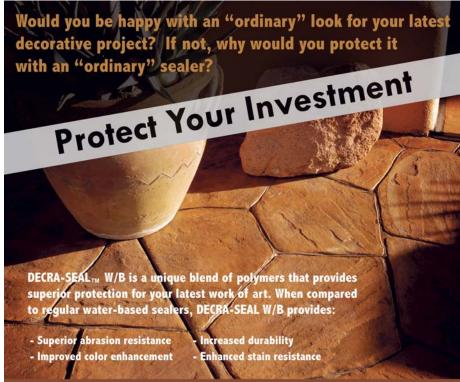
"It's very important not to overpromise," says Heidmann. "Concrete turns gray. It gets hard. It cracks. And there is no way to guarantee that it won't crack, so you have to be up front that it will happen, and that any kind of repair will likely stand out."

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cracks

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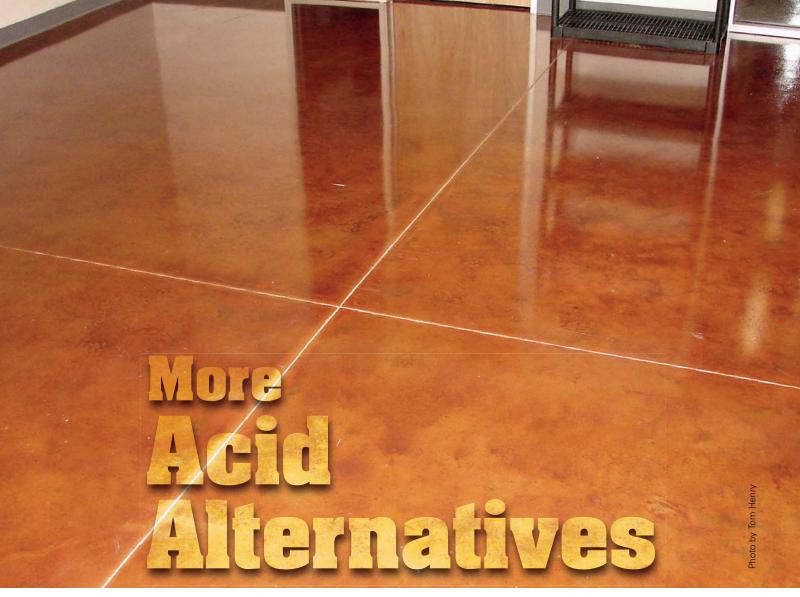




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Hugh Monteith, of Ventura, Calif., created this floor with CF-630 Amber in the Old World Stain series, an acid alternative from Smith Paint Products.

by Stacey Enesey Klemenc

e explored several acid-stain alternatives in "Acid Stains: Still Strong," published in the March/April 2009 issue of Concrete Decor magazine. As it turns out, the trend was too widespread to cover in just one article.

As contractors discover the beauty of water-based products that mimic acid stains but don't need to be neutralized or rinsed, some are reportedly starting to forgo the old way and convert to the newer technologies.

"Time is money," says Linda Meierer, one of the owners of L&M Industries LLC, which manufactures SimStain. "And contractors are discovering they can get in and out quicker (with a water-based pH-neutral alternative)."

Case in point: Reid Langston, one of the owners and Chairman of NewLook

International Inc., which makes Designer Series Enhancer, cites a recent staining job involving a 300-square-foot floor. The job lasted 4 1/2 hours from prepping the surface with his company's QuickEtch to applying three colors of stain and allowing it to dry. "I think we're starting to see a trend where contractors are shying away from acid and moving to water-base because they can control the color better and there's less labor involved," says Langston.

Chuck Brunner Jr., co-owner of Smith Paint Products, maker of Smith's Color Floor Old World Stains, agrees. "You get a really cool look with acid stains," he admits, "but half of what you need is in the bottle and the other half is in the slab. With water base, you take a few variables out."

For optimum control, Brunner, Langston and Meierer all agree water-based stains are best applied as a light mist through an airless, HVLP (high-volume, low-pressure) gun. Pump-up sprayers also do a good job. "Less is more," Brunner says. "Just lightly mist over the floor. You can always put more on later."

You also can use water-base stains for patchwork, he adds. "A lot of acid stain guys are discovering water-based products when they have a slab with a bald spot. They can be used to fix it as long as the acid has been neutralized." And when they see how closely the water-based stain can match the acid stain, some contractors are converting to water-based altogether.

"(Unlike with acid stains,) you can show sample boards to your customers and say this is what you are going to get," says Langston.

Five water-based acid alternatives were highlighted in the March/April 2009 issue of Concrete Decor. Here's the scoop on three more. All three are UV-resistant, can be used on interior or exterior surfaces, and can earn the contractor LEED points.

Colors of all three stains can be mixed with other colors before application. You can also layer colors one at a time, depending on the look you're going for. "If you layer the colors," Brunner says, "go light to dark for best results."

Smith's Color Floor Old World Stain

Smith's Color Floor Old World Stain, which creates dark burn marks, light coloration and everything in between, closely mimics the traditional look of acid stain.

On the market since 2000, the low-VOC stain is sold in seven colors as a concentrate with a recommended dilution of 4 parts distilled water to 1 part stain. "We recommend using distilled water, because hard water will attack our resin system and affect the adhesion and consistency of the product," says Brunner.

For the base coat, he recommends diluting with water and Smith's Base Boost, a blend of silicates that reacts with the unhydrated calcium hydroxide in the concrete and creates a chemical bond between the stain and the substrate. For this coat, substitute two parts distilled water with two parts Base Boost. "Base Boost makes for a more stable and durable substrate," Brunner explains.

After you put down your base coat, Brunner says, relax. "The stain will automatically variegate for you. You don't need to sponge or rag or use any of those other tricks. Just walk away and see what it does for you."

Applications should be sealed once the stain has fully cured. Old World Stains are compatible with any single- and two-component sealer that doesn't have high concentrations of methyl methacrylate. "You can't use a penetrating sealer with this product," Brunner says. "It has to be a film-forming sealer." Smith's recently launched a full line of sealers for application over its stains.

No special training is required to apply Old World Stains. However, Smith Paints representatives do demonstrations around the country, and there is a demo video on the company's Web site.



Demmert & Associates, of Glendale, Calif., colored this hallway with CF-700 Fawn, a color available in Smith Paint Products' Old World Stain series.

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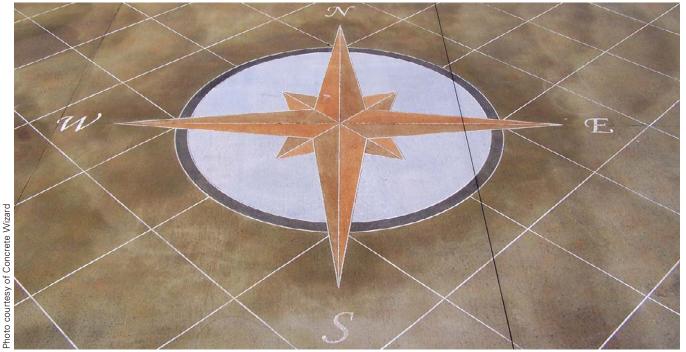
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Concrete Wizard made this patio for NFL Hall of Famer Larry Csonka using five SimStain colors: Mahogany, Olive, Black, Silver and Tangerine.

SimStain

L&M Industries' SimStain, which has been on the market for three years, also produces the variegated, mottled look with very little effort.

Latex- and acrylic-free, the low-VOC, environmentally safe stain comes in 25 colors, including a white that can be





SimStain in Black, Accent Black, Yellow and Silver was used to create this 3-D effect. The color scheme was chosen to coordinate with the customer's Hummer H2.

used to create a clean slate and a true black for accents, borders and marbling. "We also have blues and greens that are great for pool decks and outside areas because they don't darken when they get wet," Meierer says.

Besides a sprayer, you can use a mop, foam brush, rag or sponge to apply. "The different application methods give it a different look," she says. "As the stain dries, the color gets darker, so you may want to wait before you apply another coat, but you don't have to." You can apply wet on wet, she adds, if you want colors to mottle together.

Meierer recommends sealing a SimStain surface with the sealer of your choice as soon as the stain is dry enough, usually in two to four hours. "Our stain is compatible with all sealers," she says.

The whole concept behind SimStain was to make life easier for contractors, Meierer notes. "You can buy directly from us, you don't have to go to any classes and you don't have to purchase our cleaner or sealer. You can add to your product line without being committed to buying everything from us."



This floor was developed using Designer Series Enhancer's Safety Blue color, from NewLook International.

Designer Series Enhancer

NewLook International, which is celebrating its 20th year in business, is currently touting its Designer Series Enhancer, which is similar to its Translucent Color Enhancer, except that the designer series is four times as intense. "The regular enhancer is designed for stamped concrete surfaces, while the designer series is for interior faux finishes," says Langston of the VOC-free products. Besides being sprayed on, the stain can be rolled, ragged or broom-applied — and not just on floors. "It's fantastic for vertical applications," he says. "It dries to a matte finish and can look like natural stone."

Designer Series Enhancer comes in more than 80 standard colors, including eight that replicate traditional acid stain colors. Others reflect new, vibrant dye-based colors, Langston says. NewLook's complete system includes solid base colors ready to be topped off with translucent colors, which also can be used independently.

The stains can be used to create surfaces with any traditional color combination, as well as fun color schemes like those you would find in an amusement park. Stained surfaces, especially faux finishes, should be sealed.

Langston recommends NewLook products be used only by professionals who have completed a training program. Group classes and personal training are offered at least monthly throughout the country in one-day or two-day sessions.

- www.getnewlook.com
- www.simstain.com
- www.smithpaints.com

Want to learn more? Search online at www.concretedecor.net

acid stain





To create this bathroom, NewLook's Solid Color Stain in Caramel was used as the base color, and Light Oak and Spanish Clay from the Designer Series Enhancer line were applied on top.



The depth and clarity of ground and polished concrete is enhanced when lithium silicate is included.

Cutting-Edge Densifiers

by Amy Johnson

he customer walking the concrete floor at the big-box retail store thinks a concrete floor is hard. So does the worker driving the forklift across the concrete floor of the warehouse. But concrete contractors know that concrete is soft: subject to abrasion, wear, efflorescence, dusting and dulling. That is why contractors and experts who know concrete recommend using a densifier for any floor that will be subject to heavy traffic, wear or abrasion.

Densifiers are typically solutions of silicates that react with any calcium hydroxide that was not bound during the hydration of a concrete slab. Sometimes called liquid hardeners, they impregnate the surface of a cured concrete slab with silica, the basic element of quartz. They essentially complete the hydration process by turning this material into calcium silicate hydrate (CSH), strengthening the concrete matrix.

A densifier offers several advantages, according to Clif Rawlings, product manager and training coordinator for HTC Professional Floor Systems. First, it delivers a denser, harder surface for polishing, heightening the resulting shine, particularly in softer concrete. Second, it blocks efflorescence caused by moisture coming from below the slab. Densified concrete is breathable, but the altered pore structure stops the passage of minerals that cause efflorescence on the surface. Third, it increases abrasion resistance, which increases the longevity of the shine. "We did an informal test in our own warehouse, grinding and polishing one area without densifying it," Rawlings says. "You can see that the densified area holds up better to forklift traffic."

Densifiers deliver similar benefits for troweled and broom-finished floors. "The first area that shows wear on broom-finished concrete is the top surface, the peaks," says Scott Thome, director of product services for L.M. Scofield Co. "Liquid hardeners will toughen up the broom texture so it will last longer."

Lithium silicates and colloidal silica

Densifiers based on sodium silicates and potassium silicates have been in use for many years. More recently, lithium-silicate densifiers have been gaining popularity. The latest densifier to be introduced is colloidal silica.

Clif Rawlings works with all types of densifiers. Contractors he trains tell him that they use sodium silicates when they are doing a basic ground and polished floor with no color. They use it early in the grinding process, between 80 grit and 150 grit. Sodium silicates, with their larger molecule size, fill larger pores more easily, using less product and keeping costs low.

Older types of densifiers react more slowly, so they must be broomed to break the liquid's surface tension and keep the material penetrating until it begins to react. Excess densifier must be extracted before it crystallizes into a white, streaky surface. Once that hardens, it can only be removed by grinding.

Lithium silicate densifiers offer some advantages over these older sodium and potassium silicate materials. One is faster reaction time, so constant brooming is not required. "Contractors are able to save time — they don't have to wait overnight to begin the next polishing step," says Shane Vest, director of sales and marketing for Convergent Concrete Technologies, whose Pentra-Sil (NL) is widely sold in the industry under private-label agreements.

A lithium silicate is more reactive than a sodium or potassium silicate, Thome explains. "The results are seen earlier."

Shane Vest says another advantage is that lithium densifiers are not water-soluble. "Once the reaction has taken place in concrete, the lithium will not reabsorb moisture," he says. "Older sodium and potassium silicates will re-emulsify, allowing moisture in and out of concrete, contributing to crazing." Bob Harris, president of The Decorative Concrete Institute, explains how this happens. "Sodium in the presence of moisture can sometimes become expansive and contribute to random microcracking." (The Decorative Concrete Institute sells a lithium densifier under its own name.)

Differences between lithium ions and sodium or potassium ions may contribute to differences in performance. Vest maintains that lithium ions penetrate more deeply and migrate through the concrete matrix more consistently for a more uniform surface.

What's more, lithium silicates designed specifically for concrete (rather than adapted from other applications such as cosmetics) contain chemistry that improves reaction speed and depth of penetration. One example is Scofield Formula One Lithium Densifier MP, developed in-house by L.M. Scofield chemists. "Penetration and reactivity are two main factors that must be engineered into the product development process," says L.M. Scofield director of marketing Cam Villar.

Colloidal silica

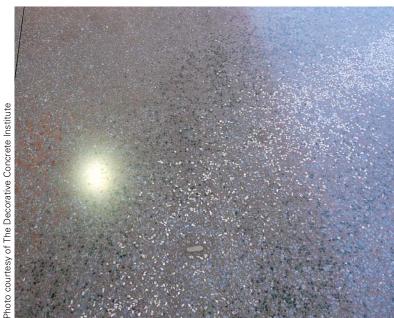
A colloidal silica densifier is a refined product of sodium silicate. It is a concentrated dispersion of



This floor in Woodburn, Ore. is in one of 25 Columbia Sportswear outlet stores where Lythic's densifier was used during the polishing process.

amorphous, nano-sized silica particles in water. The low viscosity of this product allows for rapid surface penetration, and the irregular variations in surface area make rapid bonding with calcium hydroxide in the concrete possible.

The process of applying a colloidal silica densifier is very simple, according to Brad Sleeper, general manager of Lythic Solutions Inc. "You put the Lythic densifier in a pump sprayer and apply in an even spray across the slab," he says. "After the initial application, apply product over any area that appears dry for 15 minutes. Then you let it dry completely and you're



This integrally colored concrete floor was embedded with crushed glass, mother-ofpearl and slate rock. It was densified with a lithium densifer and polished to 3,000 grit.

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Have you recently crafted an amazing concrete countertop? Want to find out how it compares to the work of your peers?

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 Entries will be evaluated by a panel of industry professionals, and finalists will be showcased in Concrete Decor's countertop magazine supplement, Counter Culture.

Entries must contain all of the following:

- · Company name and contact information.
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 (Work completed before July 2007 is not eligible for this contest.)
- A brief explanation of the project, describing the ways in which it addresses our criteria.
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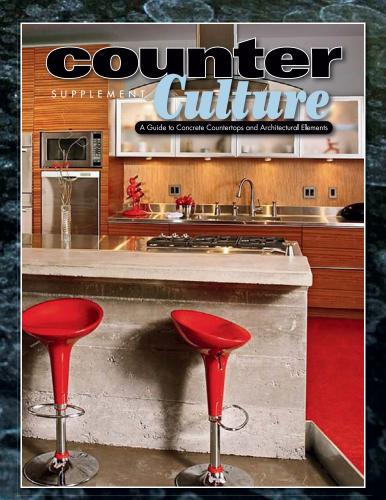
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ready to go." Excess material dries to a noncrystalline powder that can be swept up with a broom. The Lythic material is shipped as concentrate and reconstituted at a ratio of 4 parts water to 1 part concentrate. Five gallons of concentrate (25 gallons rehydrated) will treat about 10,000 square feet of concrete.

Some applicators report achieving a higher gloss at a lower grit when using a colloidal silica densifer. Others, looking to finish their surfaces to a soft sheen rather than a high gloss, have applied the material to a hard-troweled surface at the time of placement. After a 28-day cure, the slab is cleaned and densifier is applied for a second time and burnished.

Using color with densifiers

Stains and dyes may be applied before or after the densifier. There are good reasons to apply many colorants first. "You want the coloring product to absorb as deeply as possible," Thome explains. "If you apply a waterborne liquid hardener before you apply the colorant, the surface is filled with water, which prevents absorption of the color."

Shane Vest agrees. "The best thing to do is to treat the slab with the stain or dye first when the slab is porous to ensure it takes the stain well," he says. "You would then densify the slab to make it less porous and lock in the color. Lithium densifiers will deepen the color. Neutralizing the floor after coloring and before using the densifier is a must."

On the other hand, a lithium densifier applied first can improve the look of an acid stain. The lithium hydroxide in the silicate will neutralize the acid in the stain more quickly, so the color will develop faster and be more consistent, Villar says.

The wild card is the fact that no single load of concrete is the same, says Bob Harris. "Each slab needs to be evaluated to prescribe the proper formula. I have seen slabs that have been brought up to 200 grit, then the dye was added and the concrete densified, and mysteriously, the color was completely lost." Apparently the concrete was so permeable that when the water-soluble dye met the waterborne densifier on the surface, it was carried deep into the concrete.

So soft concrete may require densifying earlier, after being ground with 80 grit metal bond diamond. The floor should be polished up to between 200 and 400 grit before adding color.

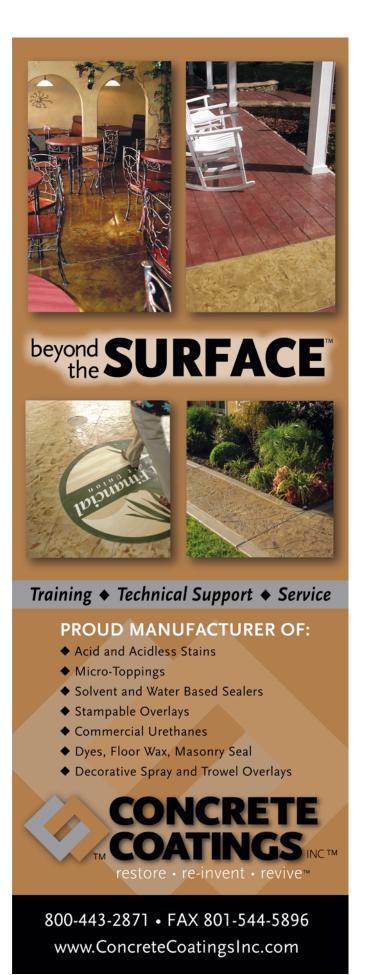
Whether color is applied before or after the densifier, polished floors using lithium silicate typically have greater clarity and depth, Thome says.

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densifier





Product Profile



Mixing a batch of Tradical Hemcrete. The building material can be poured or pressure-applied.

Tradical Hemcrete from American Lime Technology

by Kelly O'Brien

Brand new to North America, alternative construction material Tradical Hemcrete takes components that have been central to the wall-finishing crafts for centuries and puts a modern twist on them.

By combining a lime-based binder with a treated hemp shiv, the Tradical Hemcrete mixture provides an extremely sustainable, carbon-negative alternative.

"To my knowledge, it's the only building material on the market in the entire world that is carbon-negative," says Mario Machnicki, managing director for American Lime Technology, the North American distributor of Tradical Hemcrete.

According to a study done by the U.S. Green Building Council in 2005, buildings account for 39 percent of the country's carbon dioxide emissions. So, a building product that not only produces zero carbon dioxide emissions once installed, but also

actively reduces the amount of carbon dioxide in the atmosphere, is something worth taking notice of.

The industrial hemp in Tradical Hemcrete absorbs carbon dioxide from the air, just like any other plant does. When the plant is harvested (a hemp plant is full-grown after only 14 weeks), the carbon dioxide stays locked inside the plant. This carbon sequestration results in a product that, even in combination with the lime binder, takes more carbon dioxide out of the atmosphere than it puts in.

"Tradical Hemcrete locks up carbon within the structure of the building, because there is more carbon dioxide absorbed by the growing of the hemp than is released in the production of the Tradical binder," says Ian Pritchett, managing director of Lime Technology, the United Kingdom-based manufacturer of the Tradical lime binder.





Above: Tradical Hemcrete was installed as a roof and wall system at the chapel. The structure will also receive an application of lime stucco.

Bottom Left: Lime Technology managing director Ian Pritchett applies samples of lime render on an interior wall of the chapel.

> Engineered Concrete Performance
> BUTTERFIELD COLOR

American Lime Technology is a joint venture between U.S. Heritage Group Inc., which Machnicki is president of, and Lime Technology Ltd. that was formed for the express purpose of bringing Tradical Hemcrete, already popular in Europe, across the Atlantic.

"Tradical Hemcrete has a huge potential in any country serious about reducing carbon emissions from the built environment," says Pritchett. "The U.S. market is now moving in that direction."

Reducing carbon emissions isn't the only thing Tradical Hemcrete has going for it, either. The material is 100 percent recyclable — if a Tradical Hemcrete building is torn down, the demolished walls could be spread on fields as fertilizer.

In terms of building with Tradical Hemcrete, it is quite a versatile product, offering two different methods of application that make it suitable for virtually any type of structure, new or preexisting. The first method is akin to concrete construction, where the hemp-and-lime mixture is poured over either steel or wooden structural members inside a temporary framework that is removed once the material has set. The resulting walls are breathable and extremely well-insulated. "We did a fire test on a 12-inch Hemcrete wall," says Pritchett. "We placed one side of the wall against a furnace at 2,000 degrees Fahrenheit — after approximately four hours, you could still

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After the chapel was built using a Tradical Hemcrete wall system and lime stucco, it was finished with lime wash.

put your hand on the other side."

Tradical Hemcrete can also be pressure-applied over a timber, steel or concrete framework. This application method is not only more efficient, but also delivers the same insulating attributes.

Tradical Hemcrete is also versatile from a design standpoint. According to the product brochure, "Tradical Hemcrete render and plaster products can be finished in the normal manner of such products, with finishes ranging from as-cast to a smooth finish. The hemp-lime products form an ideal substrate for the application of Tradical renders, plasters and decorative products."

Although Tradical Hemcrete is currently "towards the top end of conventional construction costs," according to the literature, there are several factors that should be considered when making price comparisons.

For one thing, when examined in terms of cost per square foot, Tradical Hemcrete is fairly competitive. And if you take into account the costs of the building over its lifetime, the material's properties — insulation, energy efficiency, breathability and so on — ensure that overall, buildings that use Tradical Hemcrete stand to be considerably less expensive than those built conventionally.

The other cost consideration is the social status of one of the key ingredients — hemp. The industrial hemp used in Tradical Hemcrete is outlawed as a crop in the United States, despite the fact that we are one of the largest importers of hemp in the world. Unfortunately, industrial hemp has become caught up in conflict over its psychoactive cousin, marijuana.

Because industrial hemp is such a fast-growing, sustainable and versatile crop, Machnicki is confident that the

U.S. ban on its growth is not long for this world.

"It's only a matter of time before industrial hemp is legalized in the United States," he says. "Americans are missing huge potential."

If and when Americans are able to develop local supplies of hemp, the price of Tradical Hemcrete will come down. Currently, all of the hemp for the product is being imported from Canada.

In the meantime, Tradical Hemcrete is already finding a foothold here in the States. American Lime Technology has completed projects at an existing building on a Sioux reservation, plus two structures in Montgomery, Texas. The owner of the Montgomery project was so enthusiastic about the product, she became a distributor. Given all that Tradical Hemcrete has to offer, it's easy to understand her enthusiasm.

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Curbing Equipment

Concrete Edge Co. - Walkway Adapter Kit

The Concrete Edge Co. has introduced a 36-inch walkway adapter kit for its Lil' Bubba EPC Landscape Curb Machine. The attachment allows the Lil' Bubba EPC to extrude a 36inch-wide concrete walkway. The walkway can be stamped and colored to create the look of brick or stone.

The Lil' Bubba EPC is designed to make quick work of parking-lot ribbon curb or large landscape borders while feeding from a concrete truck. It features a 5.5-horsepower Honda motor and weighs 280 pounds.







Curb King - Twin Auger Curbing Machine

The Twin Auger Curbing Machine from Curb King allows contractors to lay a high-quality curb quickly and easily. It has the smoothness of an auger machine and the compaction and speed of a ram machine.

The twin counterrotating, vibrating augers work together to provide positive, constant pressure, propelling the machine forward with a smooth, constant motion.

Curb King's patented Dyna-Form drive system helps lay quality curb. The vibrating augers, hopper and housing keep the relatively dry material fluid from the hopper to the slipform. The vibration helps the particles of sand and cement fit tightly together.

The curbing machine is designed for curbs up to 6 inches by 6 inches. It weighs 150 pounds, has an overall length of 36 inches, and is available powered by gas or electricity. The electric motor provides 1 horsepower, while the gas model features a 3-horsepower Honda engine.

(0 (800) 937-2872

www.curb-king.com

Power Curbers - PC-150

Power Curbers offers the PC-150, an extruder curbing machine designed for commercial applications in parking lots

The concrete or asphalt is fed into the hopper and forced through a specially designed mold. The result is a freestanding, structurally sound curb with a smooth finish. The PC-150 extrudes curbs of up to 12 inches by 12 inches at a speed of up to 18 feet per minute. A continuous, one-pass operation can turn a smooth radius as tight as two feet. Curb can be placed within 1 inch of obstructions with the offset mounted mold and extrusion auger.

www.powercurbers.com



Tygar Manufacturing LLC – Belgium-block Drive Liner

Tygar Manufacturing LLC has introduced an extruded Belgium-block drive liner for use with the Bengal TG1000 Curb Machine. This attachment produces attractive and practical forms of Belgium block, driveway skirts, and inlaid stone surfaces for walkways, patios and driveways. The Belgium block is formed with Tygar's proprietary mold and stamp set.

Tygar's Bengal curb machine is also capable of extruding stamped and colored walkways between 24 inches and 36 inches wide, as well as landscape edging with embedded accent lighting, and it accepts up to 3/8-inch rock aggregate for commercial applications. It offers more than 30 different stamp patterns with dozens of color and release options, and it curbs up to 16 feet per minute.







Product News



Sample boards from Proline

New sample boards from Proline Concrete Tools come in more than 30 patterns. The boards are made from a cementitious mix, weigh less than 10 pounds, measure 23 inches by 23 inches and are easy to hang. Each board contains the chosen pattern surrounded by a faux wood border.

Retailers can display these boards in their stores and contractors can purchase them through local distributors. The boards can be ordered integrally colored with any of Proline's 40-plus choices of color hardener or colored to a specific recipe, including those found on Proline's Web site. They can also be ordered plain and used as a sample for a customer of how a contractor plans to color a decorative concrete project. The boards contain lime and will react with acid stain.

(0 (800) 795-4750

www.prolinestamps.com

New Lythic Densifier speeds up densifying process

Lythic Densifier from Lythic Solutions Inc., made with colloidal silica, speeds up the process of concrete densifying and is touted as being more

ecofriendly than conventional densifiers.

Lythic Densifier's low-pH formula changes the way concrete floors are densified by eliminating steps, and therefore time, from the process. There is nothing to scrub off and no wet residue to dispose of. An hour after application begins, the slab is ready to polish. Because of the densifier's ultralow sodium content, there is no whiting. The densified slab becomes virtually impermeable to liquids, increasing stain resistance. Also, the surface of densified slabs is more abrasion-resistant than undensified slabs, reducing the potential for dusting and wear.

Lythic Densifier is a green product. It eliminates the environmental burden of waste disposal and releases no volatile organic compounds.

www.lythicsolutions.com

An ecofriendly microtopping

Increte Systems Inc.'s newest innovation for transforming unsightly or spalled concrete is Micro-Crete.

Mixed with water and applied at a thickness of 1/8 inch or less, this singlecomponent ecofriendly microtopping provides a durable surface that can be broom-finished and readily accepts stains and dyes for rich color enhancement. Micro-Crete is ideal for interior and exterior applications, can be feathered at its edges, and offers the look of new concrete at a fraction of the cost.

www.increte.com

New stain from Increte

In an effort to increase its line of ecofriendly and LEED-certified products, Increte Systems Inc. has released Stone Essence Concentrated Transparent Stain.

Available in 20 standard colors, Stone Essence contains no acid or VOCs. It is mixed with water to provide the deep variegated finish of an acid stain without being hazardous to the environment.

A 1-quart bottle of Stone Essence concentrate mixed with 3 quarts water produces a gallon of stain that will cover approximately 200 to 300 square feet.

www.increte.com

Styrocrete adds strength

Styrocrete from Marbelite International Corp. is a high-strength polymer cement system designed to be sprayed over expanded polystyrene foam for foam trim molding, letters or panels, interior or exterior.

With a rating of approximately 4,000 psi, Styrocrete will add strength and integrity to the foam, as well as a high level of impact resistance. When applied correctly, it will not sag on vertical surfaces. It can be handtroweled or sprayed from a hopper gun, and it can be used with or without mesh. It may be integrally colored using the Marbelite Tint Kit or painted after complete drying.

(0 (800) 348-3993

www.marbelite.com

Adhesion tester from Defelsko

The new PosiTest AT-A Automatic Adhesion Tester from Defelsko Corp. measures adhesion of coatings to metal, wood, concrete and other rigid substrates.



Features include an electronically controlled hydraulic pump, userselectable pull rates for complying with a variety of international test methods, built-in rechargeable batteries, a convenient shoulder strap and AC power. A full digital keypad allows the operator to easily select dolly sizes, specify pull rate, change measurement units or store readings with the touch of a button.

(0 (800) 448-3835

www.defelsko.com

Edger from CPS reintroduced with customers in mind

During the debut launch of the Edger at World of Concrete 2009, Concrete Polishing Solutions customers were reportedly overwhelmed by the multiple capabilities the machine displayed. In response to customer feedback, CPS is reintroducing the Edger as the G-120 Multi to better characterize its adaptability. The company has also made a few adjustments to meet customer demands.

The G-120 Multi has been designed with flexibility in mind. The machine features a powerful 3-horsepower motor and 116 pounds of grinding pressure at the head to aggressively remove any floor coating, and it can also polish the concrete to a highly reflective shine. Retaining its Edger adeptness, the Multi can get within 1/32 inch of a wall, and reaches under low overhangs to eliminate the need for any contractor to do hand tooling again.

The G-120 Multi uses the same tooling as other CPS grinders for added convenience.

(C) (877) 472-8200

www.go2cps.com

SpeedCove introduces new coving shapes and sizes

SpeedCove Precast Cove Base Systems has introduced new shapes and sizes for its Radius Cove Base and Radius Cove Base Corners products.

SpeedCove Cove Base is available in a 4-inch, 6-inch and 8-inch height. A 1inch Radius Cove is also available.





A new bull-nose corner is available in 4-inch, 6-inch and 8-inch sizes.

All SpeedCove systems meet or exceed sanitary code requirements.

- **(** (530) 344-9000
- www.speedcove.com

DiamondShine concrete polisher introduced by Aztec

Aztec Products Inc. has introduced the DiamondShine concrete floor polishing machine to its line of floor buffing and stripping machines.

The machine's 17-horsepower Kawasaki propane engine drives 3 diamond heads at 1,100 rpm. This speed, combined with more than

> 400 pounds of head pressure, makes the DiamondShine ideal for honing, polishing and light grinding of

commercial and institutional concrete floors. Another benefit of the DiamondShine is that, because it runs on propane, no outside power

source is needed.

www.aztecproducts.com

New grinder and cutting-tool products from Alpha

Alpha Professional Tools has released four new products for the decorative concrete industry.

Among the new products is the HSG-125 High-Speed Angle Grinder. The 5-inch grinder has a 7.2-amp motor that delivers 9,700 rpm. It is equipped with a standard 5/8-inch spindle and two sets of flange/lock nut sets in order

to accommodate 4-inch, 4 1/2-inch and 5-inch blades. It can be used wet or dry.

Also new are the Dry Porcelain Tile Cutting System, Wet Blade Cutting Kit, and Silencer III for porcelain/crystallized

- **(**0 (800) 648-7229
- www.alpha-tools.com



New burnishing pad features embedded heat shield

Prosoco Inc.'s new Consolideck Heat high-performance burnishing pad uses an embedded heat shield to quickly create exceptional gloss and shine on finished concrete floors. It's custom-made for burnishing microthin protective coatings of Consolideck LSGuard into polished concrete, but also works well on hardened or densified floors without LSGuard.

Heat's unique feature is an embedded heat shield. As the pad creates heat from friction, that heat rises, only to be bounced back into the floor by the heat shield. The floor temperature quickly reaches 91 1/2 F, which fuses LSGuard into the concrete for a tenacious bond and unmatched gloss.

The double-sided pad is made of natural fibers glued together with nontransferring resin, which means Heat leaves no resin trails. It's stocked in 27-inch, 20-inch and 7 1/2-inch sizes. Heat is also available in 17 specialty sizes, from 9 inches to 28 inches.

www.prosoco.com

A Cut-n-Break for indoor use

Husqvarna Construction Products has introduced the K 3000 Electric Cutn-Break. With the success of the K 650 Cut-n-Break, the demand for an electric version to use indoors has steadily

increased.

The K 3000 Electric Cut-n-Break is able to cut in stages through walls up to 16 inches thick. It is ideal for window and door openings, crack chasing, joint repair and much more. A unique sliding guard can be positioned to flush cut. A 15-amp electric motor offers maximum versatility for indoor and outdoor use.

Features include an upper blade guard that is flexible enough to move out of the way when cutting and is outfitted with rollers at the tip to prevent snagging when cutting brick. The wet cutting system minimizes water usage to supply enough water to suppress dust but not enough to cause excessive slurry.

www.husqvarnacp.com

New precision chiseling hammer from Metabo

Metabo Corp. has introduced the SDS-max MHE 56 chiseling hammer for precision removal and chipping of concrete and stone.

The tool's D support handle and compact design — only 18 inches long and less than 17 pounds — gives users more control over the tool, while the 14-amp motor provides power. This combination makes the MHE 56 ideal for a variety of specialized applications, such as removing tiles, ceiling decor or small walled sections, as well as chipping out cement surrounding window frames. An easily engaged impact reduction switch that reduces power by 30 percent lets the chiseling hammer be used for the removal of brittle or softer material, as well.

The MHE 56's flexible design elements enable the tool to be used in virtually any working position, including hard-to-reach spaces. Metabo's VibraTech handle, which reduces vibration up to 60 percent and enhances user comfort via an integrated damping system, can be fitted at three different points on the tool, and the chisel is lockable in 12 positions. The MHE 56 provides up to 2,840 bpm with up to 14 joules per impact.

The tool comes complete with autostop carbon brushes, a carbon brush wear indicator, a winding protection grid and a 360-degree support handle.

www.metabo.us



Media News

Scofield releases project flyers

"Great Ideas in Decorative Concrete" from L.M. Scofield Co. is a new series of sales and marketing flyers developed to help decorative concrete contractors present ideas to clients. The flyers also aim to expand contractors' idea base and product application knowledge.

Each "Great Ideas" flyer will feature a commercial, residential or restoration project and contain a concise description of the project, a list of products and colors used, and representative photos. These flyers are available as PDFs and are designed to be a standard letter size, which makes them perfect for printing and collecting into a binder or folder that contractors can reference or take to clients.

New "Great Ideas" flyers will be added to the Scofield Web site every month, and all flyers will be numbered and archived on the site for easy access. Contractors have a choice to opt in to receive each new flyer automatically via e-mail as soon as it's available.

www.scofield.com/great-ideas-in-concrete.html

Student Spotlight for CCI alumni

The Concrete Countertop Institute has added a new benefit for alumni — a Student Spotlight section on the CCI Web site that highlights the work of successful students.

Projects are described as they relate to the training received during CCI classes, and photos representing the work of each student provide examples of the quality projects that are possible after applying newly acquired knowledge.

CCI is publishing stories to the Web site now. Alumni are encouraged to contact CCI with stories and photos to be added to the

💲 www.concretecountertopinstitute.com

New booklet from Fritz-Pak

Fritz-Pak Corp. has released a new publication that is designed to teach contractors how to reduce waste and operating

The title is "Savings and Applications Guide for Ready-Mixed Concrete: How To Use Fritz-Pak Products to Maximize Profits." It can be downloaded at the Fritz-Pak Web site.

www.fritzpak.com



New green laser from Hilti

Hilti's new PR 26 Rotating Laser, featuring a green laser, greatly improves visibility in indoor applications compared to standard red lasers, and it outperforms other green beam lasers.

Depending on the intensity of ambient light, the PR 26 is up to four times more visible to the human eye than other Class III lasers and has a range of up to 650 feet, greatly improving productivity.

Productivity is also enhanced through the Auto Alignment System. A rotation alignment function is available, and a remote control doubles as a laser receiver to save time and reduce labor costs. The tool's built-in line function allows the user's hands to remain free for other tasks once the rotating laser is set to the right height.

Each standard tool comes with a rechargeable battery pack and charger to provide each customer with 22 hours of continuous working time per full charge.

(0 (800) 363-4458

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Association News

American Concrete Institute New officials make 2009 debut

The American Concrete Institute introduced its new president, vice president, and four board members during the ACI Spring 2009 Convention in San Antonio, Texas.

New ACI president Florian G. Barth officially assumed his one-year term and new vice president Kenneth C. Hover began his two-year term, while four new board members began three-year terms.

Florian G. Barth is the founder and former president of FBA Inc., a structural engineering firm specializing in concrete structures with offices in the San Francisco Bay area, Sacramento, and Orange County, Calif. Barth is a professional engineer with more than 30 years of experience, having analyzed, designed, and evaluated more than 700 prestressed concrete structures. He has been a member of numerous ACI technical committees, and he is a past president and former director of the ACI Northern California and Western Nevada Chapter.

Kenneth C. Hover is professor of civil and environmental engineering and a Stephen Weiss Presidential Fellow at Cornell University, Ithaca, N.Y.

Elected to ACI's Board of Direction were Dennis C. Ahal, chairman and CEO of Ahal Contracting Company Inc.; Emmanuel K. Attiogbe, head of technical services at BASF Construction Chemicals LLC - Admixture Systems; Ron Klemencic, president of Magnusson Klemencic Associates Inc.; and Joseph

C. Sander, senior vice president and director of operation for Charles Pankow Builders Ltd.

www.concrete.org

American Shotcrete Association New executive director named

The American Shotcrete Association has appointed Chris J. Darnell as its new executive director.

Darnell has extensive experience in the concrete industry, including serving 20 years at the American Concrete Institute as manager of certification operations, and most recently, manager of process improvement. During this time, Darnell worked closely with ASA, having helped develop the launch of ACI's Shotcrete Nozzleman Certification program.

www.shotcrete.org

Concrete Sawing and Drilling Association

Officers and board elected for 2009

The Concrete Sawing and Drilling Association has introduced its 2009 officers and board members who were elected at the 37th Annual CSDA Convention, held March 3-7, 2009, in Cancun, Mexico.

Elected to serve a two-year term as president was Doug Walker, Atlantic Concrete Cutting Inc., Mt. Holly, N.J. Jim Dvoratchek, Hard Rock Concrete Cutters, Wheeling, Ill., was elected vice president. Judith O'Day, Terra Diamond Industrial, Salt Lake City, was re-elected secretary/treasurer. Tom Stowell, Norton



2009 Concrete Sawing and Drilling Association board and officers. Top (from left to right): Mike Orzechowski, Roger Allen, Patrick Harris, Mike Nelson, executive director Patrick O'Brien. Middle: Jack Sondergard, Kevin Warnecke, Ron Culgin, Skip Aston, president Doug Walker. Bottom: Larry Liddle, vice president Jim Dvoratcheck, Kellie Vazquez, Chris Priest, past president Tom Stowell.



2009 Concrete Sawing and Drilling Association officers. From left to right: Jim Dvoratcheck, vice president, Doug Walker, president, Patrick O'Brien, executive director, and Tom Stowell, past president.

Pro Diamond, Fullerton, Calif., will serve as past president, and Patrick O'Brien continues to serve as executive director.

Six board members, whose terms expire in 2011, were elected. They are Roger Allen, Larry Liddle, Aaron Louisell, Mike Orzechowski, Kellie Vazquez and Kevin Warnecke.

Returning for the second year of their term are Skip Aston, Ron Culgin, Patrick Harris, Mike Nelson, Chris Priest and Jack Sondergard.

Also at the convention, Richard Long, who served as CSDA president in 1993, received the Lifetime Achievement Award, presented for rendering more than 20 years of outstanding service to the sawing and drilling industry and the association. Long becomes only the second member of the industry to receive this award since its inception in 2005.

www.csda.org



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Portland Cement Association Prediction for home builders: More mortgage resets, recovery in 2011

A recovery in housing starts activity will likely be preceded by a meaningful recovery of the sales pace, followed by a reduction in inventory. According to a recent PCA Economic Research report, the conditions needed for this process to begin will not be in place until mid-2010.

Although resets of traditional subprime mortgages are expected to reach an apex in mid-2009, exotic mortgages such as those requiring little income documentation or adjustable mortgages will experience a dramatic increase in resets from mid-2009 through mid-2010. Edward J. Sullivan, PCA chief economist, predicts this second wave of toxic resets will accelerate foreclosure rates and add to the large number of foreclosed homes in a crowded market.

"Housing construction activity cannot begin until sales recover," stated Sullivan in a press release. "Increased

foreclosures, coupled with deteriorating labor markets and tight credit conditions, will delay significant sales activity until mid-2010. Improvements in housing starts are not expected to be significant until 2011."

Although the housing recovery bill, along with bank efforts to rewrite toxic mortgages, will mitigate the magnitude of potential defaults and foreclosures during the next 18 months, PCA expects a weak labor market and declining home prices will increase the number of foreclosed properties added to the housing market inventory.

www.cement.org

Concrete associations unite in joint sustainability initiative

The Portland Cement Association, National Ready Mixed Concrete Association, American Concrete Institute, Concrete Reinforcing Steel Institute, National Concrete Masonry Association and Precast/Prestressed Concrete Institute have signed a memorandum of understanding to align sustainable development activities.

As a group, the organizations will concentrate on the sustainable development applications of all concrete structures, which it defines as all vertical and horizontal applications and concrete products. The memorandum outlines eight specific social values that these structures provide: resource efficiency, safety/protection, financial responsibility, operational continuity, longevity/durability, byproducts reduction, esthetics, and societal connectivity.

The agreement aligns all the groups with the goal of providing advocacy, technology, and educational resources to convey the social value of concrete structures.

www.cement.org

RMC Research & Education Foundation

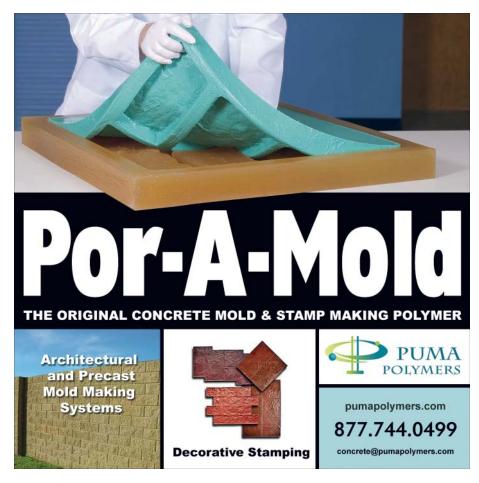
Group touts green studies

The RMC Research & Education Foundation celebrated Earth Day 2009 by highlighting its most recent research on the use of recycled materials in concrete.

The Foundation's crushed concrete aggregate study demonstrates that crushed returned concrete can be successfully reused as aggregate in fresh concrete. Also, a study on advancing higher-volume use of the waste byproduct fly ash in concrete, co-funded by the Foundation and the United States Department of Energy, shows that recycled materials can be used in new concrete while still maintaining a high level of quality and performance.

The CCA study, the fly ash study, a fly-ash "Guide for the Construction Team" and other reports are available as part of the Foundation's free Research Supporting Sustainable Development CD and may also be downloaded individually from the Foundation's Web site.

www.rmc-foundation.org



THIRD ANNUAL



Welcome to Concrete Decor magazine's third annual Decorative Concrete Buyer's Guide. This is your guide to the decorative concrete industry's leading manufacturers and suppliers, as well as a comprehensive list of products, tools and services for keeping your creative juices flowing and your company running at peak performance.

The Buyer's Guide includes an A to Z Company Index of manufacturers and suppliers throughout the United States and Canada. They offer you a wealth of products and technical assistance on new or existing concrete applications. Our comprehensive Product Index guides you to products for all of your decorative concrete application needs.

Keep this handy reference near your desk or in your truck all year long as your own full-color guide to who's who in decorative concrete.

Have questions? Give Concrete Decor a call at (877) 935-8906.

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See our ad on Page 55 • Reader Service 09



Calico Construction Products

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Mineral Visions Inc., Spectraquartz Quartz PO Box 87 Chardon, OH 44024

p: 800.255.7263 www.spectraquartz.com sales@fairmountminerals.com

Miracote Crossfield Products Corp. 3000 E Harcourt St Rancho Dominguez, CA 90221

p: 310.886.9100 Ext 223 f: 310.886.9119 www.miracote.com jodih@cpcmail.net

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DECORATIVE CONCRETE STENCILS

Modello Designs 3517 Main St Ste 301 Chula Vista, CA 91911

p: 800.663.3860 f: 619.271.1472 www.modelloconcrete.com sales@modelloconcrete.com

See our ad on Page 102 • Reader Service 38

Mortex Manufacturing 1818 W Price St Tucson, AZ 85705

p: 800.338.3225 f: 520.293.8884 www.mortex.com office@mortex.com

Manufacturers of Kool Deck Elite, Drain Rite, control joint, pool forms, countertop forms & step forms.

MULTISPEC

Multicolor Specialties Inc. 1532 South 50th Ct Cicero, IL 60804

p: 800.536.5456 f: 708.656.5055 www.multicolorpaint.com saleslit@multicolorpaint.com

Multicolor Specialties Inc. is the manufacturer of Multispec multicolor paint including Stone Accents, a unique water-base multicolor paint that can be roller or spray applied in a one-step full-coat application. Stone Accents has excellent camouflaging properties that make it ideal for concrete, masonry and cinder block.

Multiquip Inc. 18910 Wilmington Ave Carson, CA 90746

p: 800.421.1244 f: 310.635.4357 www.multiquip.com mhernandez@multiquip.com

N

NawKaw Corporation 370 Commerce Blvd Bogart, GA 30622

p: 706.355.3217 f: 706.355.9199 www.nawkaw.com info@nawkaw.com

Norton Pro Diamond 1345 S Acacia Ave Fullerton, CA 92831

p: 800.854.3281 f: 714.776.2034 www.nortonprodiamond.com

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Olde World Stone & Tile



Olde World Stone & Tile Molds 19800 Veterans Blvd Unit B-2 PO Box 494516 Port Charlotte, FL 33954

p: 941.624.5356 www.oldeworld.com shop@oldeworld.com

An opportunity to become a manufacturer of custom concrete stone, pavers, tile and brick. Business startup packages for every budget include molds, supplies, and training.

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One Day Floors 125 NE 40th St Oklahoma City, OK 73106

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One Day Floors combines the latest advances in polyaspartic coatings technology, integrating enhancements of chips, quartz or stained floors. Perfect for commercial, industrial or residential.



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Pacific Concrete Images 23015 Del Lago #B2 Laguna Hills, CA 92653

p: 949.581.0270 f: 949.581.0271 www.pacificconcreteimages.com



Patriot Sprayer 120 Commercial Ave Lowell, AR 72745

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Performance Polymers LLC 6639 Schuster St Las Vegas, NV 89118

p: 800.983.6993 f: 702.252.3423 www.concreteoverlaypolymer.com info@concreteoverlaypolymer.com

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Perma-Crete® 1101 Menzler Rd Nashville, TN 37210

p: 800.607.3762 f: 615.834.1622 www.permacrete.com gah@permacrete.com

See our ad on Page 100 • Reader Service 43

Pivotal UV Coatings 2901 E Miraloma Ave Ste 11 Anaheim, CA 92806

p: 714.632.1298 www.PivotalUV.com info@PivotalUV.com



PowerStar 1 Eclipse Rd Sparta, NC 28675

p: 800.334.2246 f: 336.372.2895 www.powerstarone.com sales@pioneer-eclipse.com

PowerStar® is a division of Amano Pioneer Eclipse® with a fully integrated system of machines, chemicals, diamonds, and high-speed accessories. Maximum Shine / Minimum Time. See our ad on Page 13 • Reader Service 45

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p: 480.483.3030 f: 480.483.7895 www.premiergarage.com info@premiergarage.com PRO-1 Hot Knife Co. 1052 W Alameda Ave #203 Burbank, CA 91506

p: 800.856.1009 f: 951.346.3464 www.pro1hotknife.com foamcuttingworld@aol.com

Proline Concrete Tools 2560 Jason Ct Oceanside, CA 92056

p: 800.795.4750 f: 760.758.2561 www.prolinestamps.com nan@prolinestamps.com

PROSOCO 3741 Greenway Cir Lawrence, KS 66049

p: 800.225.4255 f: 800.877.2700 www.consolideck.com customercare@prosoco.com

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Prospec 8201 Arrowridge Rd Charlotte, NC 28224

p: 800.738.1621 f: 704.529.5261 www.prospec.com amy.wright@oldcastleapg.com

Puma Polymers 2003 Curtain Pole Rd PO Box 5667 Chattanooga, TN 37406

p: 877.744.0499 www.pumapolymers.com concrete@pumapolymers.com See our ad on Page 66 • Reader Service 47

Pure Texture

517 Medley St Greensboro, NC 27406 p: 888.PTEXTURE f: 336.574.0802

www.puretexture.com
info@puretexture.com



Quaker Plastic Corp. 103 S Manor St Mountville, PA 17554

p: 717.285.4571 f: 717.285.7740 www.quakerplastic.com info@quakerplastic.com





Quest Building Products 1129 N Patt St Anaheim, CA 92801

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p: 888.287.8962 f: 321.636.7343 www.renewcrete.com renewinc@bellsouth.net



Rhino Linings Corporation 9151 Rehco Rd San Diego, CA 92121

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p: 800.522.2623 f: 651.457.1420 www.concretemender.com sales@concretemender.com

Rock & Water Creations 815 Fifth St Fillmore, CA 93015

p: 805.524.5600 f: 805.524.7339 www.rock-n-water.com info@rock-n-water.com

RockMolds.com 165 Mokuahi St Makawao, HI 96768

p: 808.870.3099 www.rockmolds.com david@rockmolds.com

RubberDek 6869 Stapoint Ct Ste 115 Winter Park, FL 32792

p: 407.678.4885 / 866.531.9779 (US only) f: 407.678.3275 www.rubberdek.net dgriley@pdcs-systems.com

Rubbermold Company LLC 614 S Pine Carterville, MO 64835

p: 417.673.0697 f: 417.673.1331 www.rubbermoldcompany.com info@rubbermoldcompany.com



Sakrete 8201 Arrowridge Blvd Charlotte, NC 28224

p: 800.738.1621 f: 704.529.5261 www.sakrete.com sakrete.info@oldcastleapg.com

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p: 478.892.9800 f: 478.892.9820 www.sider-oxydro.com marketing@sider-oxydro.com

Skimstone div of Rudd Company Inc. 1141 NW 50th St Seattle, WA 98107

p: 206.789.1000 f: 206.789.1001 www.skimstone.com info@skimstone.com

SkimStone® is a decorative concrete coating that applies over concrete floors. Nineteen ColorPaks can be intermixed to create endless colors, creating a custom SkimStone® floor.

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Smith Manufacturing 1610 S Dixie Hwy Pompano Beach, FL 33060

p: 954.941.9744 f: 954.545.0348 www.smithmfg.com info@smithmfg.com Smith Paint Products 2200 Paxton St Harrisburg, PA 17111

p: 717.233.8781 f: 717.232.5199 www.smithpaints.com info@smithpaints.com

Smooth-On Inc. 2000 St John St Easton, PA 18042

p: 610.252.5800 f: 610.252.6200 www.smooth-on.com jsilva@smooth-on.com

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Solomon Colors Inc. 4050 Color Plant Rd Springfield, IL 62702

p: 800.624.0261 f: 800.624.3147 www.solomoncolors.com sgs@solomoncolors.com

Manufacturer of synthetic and natural iron oxide pigments. Solomon Colors Inc. has a large inventory of dry and liquid products for coloring concrete. Manufacturer of computerized dispensing equipment for our ColorFlo™ liquid pigments. Nationwide network of distributors and warehouse locations ready to serve your needs. See our ad on Page 7 • Reader Service 56



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Worldwide trainer in upscale Decorative
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SP Systems LLC 1618 Stanford St Ste C Santa Monica, CA 90404

p: 310.449.1492 f: 310.449.6912 www.spsystemsllc.com spsystems@spsystemsllc.com



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Specialty Concrete Products Inc. 1327 Lake Dogwood Dr West Columbia, SC 29170

p: 800.533.4702 f: 803.955.0011 www.scpusa.com sales@scpusa.com



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SRI Concrete Products PO Box 150 Rock Hill, SC 29731

p: 803.327.6880 f: 803.327.3872 www.sriconcrete.com robellis@senturyreagents.com

Stegmeier LLC 1111 W Harris Rd Arlington , TX 76001

p: 800.382.5430 f: 800.356.3602 www.stegmeier.com buds@stegmeier.com

Stegmeier LLC manufactures concrete countertop forms, wall caps, step liners, trench deck drains and other products used in the installation of decorative concrete.

STO Corp. 3800 Camp Creek Pkwy Atlanta, GA 30331

p: 888.786.2955 f: 404.346.3119 www.stocorp.com marketingsupport@stocorp.com

Stone Construction Equipment Inc. 8662 Main St Honeoye, NY 14471

p: 800.888.9926 / 585.229.5141 f: 585.229.2363 www.stone-equip.com sceny@stone-equip.com Stone Technologies Corp. PO Box 2161 Cleveland, TN 37320

p: 423.503.4490 f: 425.732.0920 www.stonetechnologiesinc.com info@stonetechnologiesinc.com

Stonhard 1000 E Park Ave Maple Shade, NJ 08052

p: 856.779.7500 f: 856.321.7525 www.stonhard.com stonhard_marketing@stonhard.com

Subaru Robin America 905 Telser Rd Lake Zurich, IL 60047

p: 847.540.7300 f: 847.438.5012 www.subarupower.com sales@robinamerica.com



Super Stone Inc. 1251 Burlington St Opa-Locka, FL 33054 p: 305.681.3561 f: 305.681.5106 www.superstone.com superstone@superstone.com

Manufacturer of decorative concrete systems. Super Stone products are used worldwide.

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Super-Krete Int'l Inc. 1290 N Johnson Ave Ste 101 El Cajon, CA 92020

p: 619.401.8282 f: 619.401.8288 www.super-krete.com sales@super-krete.com



Superabrasive Inc. 9411 Jackson Trail Rd Hoschton, GA 30548

p: 678.714.6840 f: 678.714.6858 www.superabrasive.com info@superabrasive.us



SureCrete Design 15246 Citrus Country Dr Dade City, FL 33523 p: 352.567.7973 f: 352.567.6545 www.surecretedesign.com whatsnew@surecretedesign.com



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Surfacing Technology 14455 Boston St Brighton, CO 80602

p: 888.654.7866 f: 888.354.2097 www.surfacingtechnology.com info@surfacingtechnology.com





The Concrete Countertop Institute 3529 Neil St Raleigh, NC 27607

p: 888.386.7711 f: 919.882.9700 www.concretecountertopinstitute.com info@concretecountertopinstitute.com

The Concrete Countertop Institute is raising the standard for concrete countertops as the only source for teaching contractors how to build high-quality, high-performance concrete countertops.

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The Concrete Edge Co. 11516 Satellite Blvd Orlando, FL 32837

p: 407.658.2788 f: 407.472.4205 www.lilbubba.com info@lilbubba.com

The Malish Corp. 4260 Hamann Pkwy Willoughby, OH 44094

p: 440.951.5356 f: 440.951.0293 www.malish.com comments@malish.com



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p: 269.429.3116 f: 269.429.3361 www.therentalbranch.com info@therentalbranch.com

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p: 314.534.5005 f: 314.531.1723 www.trimaco.com customerservice@trimaco.com

Triple-S Chemicals 3464 Union Pacific Ave Los Angeles, CA 90023

p: 323.261.7301 f: 323.261.5567 www.ssschemical.com info@ssschemical.com

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UCoat It® America 32106 N Woodward Royal Oak, MI 48073

p: 800.826.2848 f: 248.549.9187 www.ucoatit.com contactus@ucoatit.com

US Saws Inc. 11 High St Suffield, CT 06078

p: 877.987.7297 f: 860.668.2404 www.ussaws.com sales@ussaws.com



V-Seal Concrete Sealers 9042 Cotter St Lewis Center, OH 43035

p: 877.738.7325 f: 740.389.1619 www.vseal.com info@vseal.com

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p: 800.396.0324 f: 877.781.7737 www.concretemedic.com webmaster@vicintl.com

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W



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p: 800.342.5976 f: 847.683.1338 www.wrmeadows.com wrmil@wrmeadows.com

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Wagman Metal Products 400 S Albemarle St York, PA 17403

p: 717.854.2120 f: 717.854.4540 www.wagmanmetal.com email@wagmanmetal.com

Wagner Electronics 326 Pine Grove Rd Rogue River, OR 97537

p: 541.582.0541 f: 541.582.4138 www.rapidrh.com sales@wagnermeters.com

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p: 866.962.7469 / 972.536.6370 f: 972.536.6402 www.worldofconcrete.com contactus@worldofconcrete.com

Z

Zurn Flo-Thru 1801 Pittsburgh Ave Erie, PA 16502

p: 814.455.0921 f: 814.875.1270 www.zurn.com flothru@zurn.com









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Adhesives — Epoxy

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Color Crown Corporation Crown Polymers LLC Super Stone Inc.

The Stamp Store Inc. W.R. Meadows Inc.

Adhesives

Color Crown Corporation

Adhesives — Polymer

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Super Stone Inc. The Stamp Store Inc.

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Decorative Construction Supply The Stamp Store Inc.

Admixtures — Countertops

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Admixtures — Polymer

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Admixtures — **Super-Plasticizers**

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Decorative Construction Supply Delta Performance Products The Stamp Store Inc.

Admixtures — **Water-Reducing**

S **CHENG Concrete Decorative Construction Supply** S

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CHENG Concrete S **Cohill's Building Specialties** S Concrete Texturing Tool & Supply S Heritage Glass Inc.

Aggregates (see also Color Additives) — Colored Sand

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Rhino Linings Corporation

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Aggregates (see also Color Additives) — Marble Chip

Rhino Linings Corporation The Stamp Store Inc.

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Color Crown Corporation Concrete Coatings Inc. EDCO & CONTRx Systems HoverTrowel Inc.

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Color Crown Corporation

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Super Stone Inc.

The	Stamp	Store	Inc.	;	S

Apparel (see Clothing) **Applicators** — Brushes

Butterfield Color

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Color Crown Corporation Concrete Solutions Inc. Decorative Concrete Supply Inc. Decorative Construction Supply S S HoverTrowel Inc. Kraft Tool Co ® **Midwest Rake Company** The Stamp Store Inc.

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Applicators — Pads

Decorative Concrete Supply Inc. S Kraft Tool Co.®

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Applicators — **Smoothers/Spreaders**

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Applicators — **Sponges (natural)**

Color Crown Corporation

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Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S

Bonding Adhesives/Primers — Polymer Modified **Cement**

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Color Crown Corporation Concrete Texturing Tool & Supply S Kraft Tool Co.® Marion Brush Mfg Co. S The Stamp Store Inc.

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Business Opportunities (see also Franchises)

BOLDStone

Concrete Solutions Inc.

Decorative Concrete Supply Inc.

L & M Industries LLC

Olde World Stone & Tile Molds

Something Better Co.



Caulking — Flexible

Color Crown Corporation

Caulking — Waterproofing

Color Crown Corporation

Cement — Grey

EZChem Inc.

Cement — Mortar

Color Crown Corporation

Cement — Portland

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Cement — Pozzolans

Ball Consulting Ltd. **Delta Performance Products** Heritage Glass Inc.

Cement — Specialty

Color Crown Corporation

Delta Performance Products Lehigh Cement Co. White Cement Div

Cement — White

Color Crown Corporation

Delta Performance Products F7Chem Inc.

Lehigh Cement Co. White Cement Div

Chisels

Color Crown Corporation

Kraft Tool Co.®

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HTC Inc. Kut-Rite

VIC International Corporation

Cleaning Equipment — Microabrasive

HTC Inc.

Cleaning Equipment — Pressure Washers

Color Crown Corporation

Cleaning Equipment — **Scrubbers**

Color Crown Corporation

PowerStar

Cleaning Equipment — Vacuums (see Vacuums)

Cleaning Solutions — Cleaners/Degreasers

Abatron Inc.

Ameripolish

Chem-Coat

Cohill's Building Specialties

Color Crown Corporation

Concrete Mosaics Inc.

Decorative Concrete Supply Inc.

Decorative Construction Supply EZChem Inc.

Franmar Chemical

H & C Concrete Coatings

Increte Systems

Legacy Decorative Concrete Systems

Lythic Solutions Inc.

PowerStar

Surface Gel Tek

Surface Koatings Inc.

The Stamp Store Inc. WerkMaster

Cleaning Solutions — **Concrete Dissolvers**

Cohill's Building Specialties

Color Crown Corporation

EZChem Inc.

Surface Gel Tek

WerkMaster

Cleaning Solutions — **Efflorescence Removers**

Concrete Mosaics Inc.

EZChem Inc.

Franmar Chemical

Surface Gel Tek

Cleaning Solutions — **Mold/Mildew Removers**

Color Crown Corporation

Surface Gel Tek

Cleaning Solutions — **Oil/Stain Removers**

Chem-Coat

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EZChem Inc.

Increte Systems

Surface Gel Tek

WerkMaster

Cleaning Solutions — **Rust, Remediation**

Surface Gel Tek

Cleaning Solutions — **Surface Prep**

EZChem Inc.

Clothing — Gloves (disposable)

Decorative Concrete Supply Inc. S

Clothing — Promotional **Hats/Shirts**

Color Crown Corporation

Concrete Coatings Inc.

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The Stamp Store Inc.

Clothing — **Shoes/Rubber Boots**

Concrete Countertop Specialties Concrete Texturing Tool & Supply S

Coatings (see also Sealers) — 100% Solids Polyester UV

Kemiko Decorative and Industrial Coatings / Epmar Corporation

Coatings (see also Sealers) — Acrylic Concrete Paint

Chem-Coat

Color Crown Corporation

Concrete Coatings Inc.

Concrete Solutions Inc.

Decorative Concrete Supply Inc.

Decorative Construction Supply

EZChem Inc.

Increte Systems Surface Koatings Inc.

Coatings (see also Sealers) — Antigraffiti

Abatron Inc.

Chem-Coat

EZChem Inc.

Increte Systems

Surface 519

Coatings (see also Sealers) — Colored Quartz

Color Crown Corporation

Concrete Coatings Inc.

Crown Polymers LLC

Decorative Concrete Supply Inc. S

EZChem Inc.

Key Resin Co.

Quest Building Products

The Stamp Store Inc.

Coatings (see also Sealers) — Epoxy

Abatron Inc.

Chem-Coat

Color Crown Corporation

Concrete Coatings Inc. Concrete Countertop Specialties

Concrete Solutions Inc. Concrete Texturing Tool & Supply S

Crown Polymers LLC Decorative Concrete Supply Inc.

Decorative Construction Supply Elite Crete Systems

Elpis Technologies Inc. H & C Concrete Coatings

Key Resin Co.

Quest Building Products Rhino Linings Corporation

Super Stone Inc. The Stamp Store Inc.

Vexcon Chemicals

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Coatings (see also Sealers) Liquid Metal (see also **Metallic Powder)**

Decorative Construction Supply Key Resin Co.

Coatings (see also Sealers) — Mineral (inorganic)

Crown Polymers LLC Mineral Life Int'l Inc.

Coatings (see also Sealers) - Rubberized/Nonskid

Color Crown Corporation

RubberDek

Coatings (see also Sealers) - Special Effects

BOLDStone

Color Crown Corporation

Crown Polymers LLC

Elpis Technologies Inc.

Multicolor Specialties Inc.

RubberDek Skimstone div of Rudd Company Inc.

Color Additives — Reflective Granules (see also Pigment or Antiquing Agents)

Color Crown Corporation

Decorative Concrete Supply Inc. S **Delta Performance Products**

Color Dispensers/Blenders

— Ready-mix **Butterfield Color**

Increte Systems

L.M. Scofield **Solomon Colors Inc.**

Color Dispensers/Blenders — Table Type

Butterfield Color Solomon Colors Inc.

Color Hardeners/ Dry-shake Colors

Brickform

Butterfield Color Cohill's Building Specialties

Color Crown Corporation

Concrete Mosaics Inc. Concrete Texturing Tool & Supply S

Decorative Concrete Impressions (DCI) Decorative Concrete Supply Inc. S

Elite Crete Systems

EZChem Inc.

Increte Systems Kraft Tool Co.®

L & M Industries LLC

Concrete Coatings Inc.

Computer Software —

Rendering/Visualizing

Computers — Calculators

Concrete — Bag Mixtures

Buddy Rhodes Concrete Products

Concrete Texturing Tool & Supply

Decorative Concrete Supply Inc.

Concrete — Bag Mixtures

Concrete Texturing Tool & Supply

Decorative Concrete Supply Inc.

Decorative Construction Supply

Concrete — Lightweight

Decorative Concrete Supply Inc.

Decorative Construction Supply

Self-consolidating Mixture

Concrete Texturing Tool & Supply

Decorative Concrete Supply Inc.

Cohill's Building Specialties

Color Crown Corporation

Concrete Solutions Inc.

Cohill's Building Specialties

Color Crown Corporation

Concrete Solutions Inc.

Color Crown Corporation

Concrete Coatings Inc.

(see Construction

Management)

(countertops)

enCOUNTER EZChem Inc.

Surface 519 **The Stamp Store Inc.**

Mixtures

SureCrete Design

Ball Consulting Ltd.

Color Crown Corporation

SureCrete Design

The Stamp Store Inc.

Self-leveling Mixtures

Cohill's Building Specialties

Decorative Concrete Supply Inc.

Decorative Construction Supply

Color Crown Corporation
Concrete Texturing Tool & Supply

Concrete —

Concrete —

Increte Systems

— Additives

Ball Consulting Ltd.

CHENG Concrete

Concrete Coloring (see Pigments)

Concrete Countertops

Cohill's Building Specialties

Concrete Texturing Tool & Supply Decorative Concrete Supply Inc.

Concrete Solutions Inc.

L.M. Scofield

Legacy Decorative Concrete Systems

RubberDek	S
Super Stone Inc.	
The Stamp Store Inc.	5
Color Release Agents — Dry	
Brickform	
Butterfield Color	
Cohill's Building Specialties	S
Color Crown Corporation Concrete Solutions Inc.	c
Concrete Texturing Tool & Supply	SS
Decorative Concrete Supply Inc.	S
Elite Crete Systems	
EZChem Inc. Increte Systems	
L & M Industries LLC	
L.M. Scofield	
Legacy Decorative Concrete System	ıs
Super Stone Inc. The Stamp Store Inc.	S
•	3
Color Release Agents	
— Liquid (see also Liquid Release)	
Butterfield Color Cohill's Building Specialties	S
Color Crown Corporation	
Concrete Solutions Inc.	S S S
Concrete Texturing Tool & Supply	S
Decorative Concrete Supply Inc. Decorative Construction Supply	S
Elite Crete Systems	J
EZChem Inc.	
Increte Systems	
Super Stone Inc.	
Color Release Agents — Liquid Concentrate	
-	_
Concrete Texturing Tool & Supply Decorative Construction Supply	S
	_
Color Restoration Coating (see also Epoxy)	3
Abatron Inc.	
Color Crown Corporation	
Concrete Coatings Inc.	_
Concrete Solutions Inc. Crown Polymers LLC	S
Decorative Concrete Supply Inc.	S
Increte Systems	
Vexcon Chemicals	
Communication Equipment	t/
Services	
The Stamp Store Inc.	S
Computer Software —	
Design Programs	
Concrete Coatings Inc.	
Concrete Solutions Inc.	S
Computer Software —	
Estimating	
Color Crown Corporation	

	Delta Performance Products
	enCOUNTER
	Increte Systems
_	The Stamp Store Inc.
	Concrete Countertops — Admixtures
	Ball Consulting Ltd. CHENG Concrete
	Cohill's Building Specialties
	Concrete Solutions Inc.
	Concrete Texturing Tool & Supply
S	Decorative Concrete Supply Inc.
S S	Decorative Construction Supply
S S S	Delta Performance Products
S	Increte Systems
S	Mineral Life Int'l Inc. The Concrete Countertop Institut
S	The Stamp Store Inc.
	•
_	Concrete Countertops — Addredate
S	— Aggregate
	CHENG Concrete
S S S	Concrete Countertop Specialties
S	Concrete Texturing Tool & Supply
S	Decorative Concrete Supply Inc. Delta Performance Products
S	
	Heritage Glass Inc.
	Concrete Countertops
S	— Coatings
S S	BOLDStone
	Concrete Countertops
	— Designs
_	
	CHENG Concrete
_	Crete Molds
S S	DesignCrete Modello Designs
J	
	Concrete Countertops
	— Edge Forms (Textured)
<u>S</u>	CHENG Concrete
S	Cohill's Building Specialties
S S	Colledi Designs
S	Color Crown Corporation
	Concrete Solutions Inc.
	Concrete Texturing Tool & Supply Crete Molds
_	Decorative Concrete Supply Inc.
S	Decorative Construction Supply
S	enCOUNTER
S S S	Something Better Co.
S	The Stamp Store Inc.
	Concrete Countertops
	— Embossing Liners
	Concrete Texturing Tool & Supply
	Decorative Concrete Supply Inc.
	Concrete Countertops
	— Fabrication
S	Buddy Rhodes Concrete Products
S S S S	Concrete Countertops
S	— Forms
S	CHENG Concrete
J	

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Concrete Texturing Tool & Supply Decorative Concrete Supply Inc. enCOUNTER Something Better Co. Stegmeier LLC SureCrete Design	S
The Stamp Store Inc. Concrete Countertops — Instructional Products	S
(Books & DVD) CHENG Concrete	S
Concrete Countertops — Mechanical Finishing Trowels Decorative Concrete Supply Inc.	S
Concrete Countertops — Mixtures	
Architectural Enhancements Buddy Rhodes Concrete Products CHENG Concrete Color Crown Corporation	S S
Concrete Solutions Inc.	S
Concrete Texturing Tool & Supply Decorative Construction Supply	S S
enCOUNTER EZChem Inc. RubberDek	S
Something Better Co. The Concrete Countertop Institut The Stamp Store Inc.	e S
Concrete Countertops — Multiple Color Systems	
— Multiple Color Systems CHENG Concrete	S
— Multiple Color Systems CHENG Concrete Concrete Texturing Tool & Supply Decorative Concrete Supply Inc. Delta Performance Products	S S
— Multiple Color Systems CHENG Concrete Concrete Texturing Tool & Supply Decorative Concrete Supply Inc.	S S
— Multiple Color Systems CHENG Concrete Concrete Texturing Tool & Supply Decorative Concrete Supply Inc. Delta Performance Products enCOUNTER Skimstone div of Rudd Company In Surface 519	S S IC.
— Multiple Color Systems CHENG Concrete Concrete Texturing Tool & Supply Decorative Concrete Supply Inc. Delta Performance Products enCOUNTER Skimstone div of Rudd Company In Surface 519 The Stamp Store Inc. Concrete Countertops	S S S S
CHENG Concrete Concrete Texturing Tool & Supply Decorative Concrete Supply Inc. Delta Performance Products enCOUNTER Skimstone div of Rudd Company In Surface 519 The Stamp Store Inc. Concrete Countertops — Reinforcement Ball Consulting Ltd. Color Crown Corporation Decorative Concrete Supply Inc. Delta Performance Products enCOUNTER	S S S S
Concrete Countertop Supply Inc. Delta Performance Products enCOUNTER Skimstone div of Rudd Company Insurface 519 The Stamp Store Inc. Concrete Countertops—Reinforcement Ball Consulting Ltd. Color Crown Corporation Decorative Concrete Supply Inc. Delta Performance Products enCOUNTER The Concrete Countertop Institute Concrete Countertops—Resurfacing Concrete Countertop Institute Concrete Counter	S S S S
Concrete Countertop Institute Concrete Counterto Supply Inc. Delta Performance Products enCOUNTER Skimstone div of Rudd Company Insurface 519 The Stamp Store Inc. Concrete Countertops—Reinforcement Ball Consulting Ltd. Color Crown Corporation Decorative Concrete Supply Inc. Delta Performance Products enCOUNTER The Concrete Countertop Institute Concrete Countertops—Resurfacing Concrete Countertops—Resurfacing Concrete Countertops—Resurfacing Concrete Countertops—Resurfacing Concrete Texturing Tool & Supply Decorative Concrete Supply Inc. enCOUNTER Something Better Co. Surface 519	S S S B S B B S
Concrete Countertop Supply Inc. Delta Performance Products enCOUNTER Skimstone div of Rudd Company Insurface 519 The Stamp Store Inc. Concrete Countertops Reinforcement Ball Consulting Ltd. Color Crown Corporation Decorative Concrete Supply Inc. Delta Performance Products enCOUNTER The Concrete Countertop Institute Concrete Countertops Resurfacing Concrete Countertop Supply Inc. Concrete Countertop Institute Concrete Coun	S S IC. S S E S S

Color Crown Corporation	
Concrete Coatings Inc.	
Concrete Countertop Specialties	S
Concrete Solutions Inc.	S
Concrete Texturing Tool & Supply	S
Crown Polymers LLC	
Decorative Concrete Supply Inc.	S
Decorative Construction Supply	S
enCOUNTER	
EZChem Inc.	
Increte Systems	
Kemiko Decorative and Industrial	
Coatings / Epmar Corporation	
Super Stone Inc.	
SureCrete Design	
Surface 519	S
The Concrete Countertop Institute	Э
The Stamp Store Inc.	S
Concrete Countertops	

— Sink Molds

Colledi Designs **Concrete Countertop Specialties Concrete Solutions Inc.** Concrete Texturing Tool & Supply S Crete Molds **Decorative Concrete Supply Inc.** S **Decorative Construction Supply enCOUNTER** SureCrete Design **The Concrete Countertop Institute**

Buddy Rhodes Concrete Products S

Concrete Countertops — Stains

The Stamp Store Inc.

Chem-Coat S **Color Crown Corporation Concrete Coatings Inc. Concrete Solutions Inc.** Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S **Delta Performance Products enCOUNTER** EZChem Inc. Kemiko Decorative and Industrial Coatings / Epmar Corporation L & M Industries LLC **Super Stone Inc.** Surface 519

Concrete Countertops — Tables, Vibrating

CHENG Concrete

Triple-S Chemicals

Concrete Countertops — Training

Buddy Rhodes Concrete Products CHENG Concrete S **Color Crown Corporation Concrete Coatings Inc. Concrete Solutions Inc.** S Concrete Texturing Tool & Supply S Crete Molds **Decorative Concrete Supply Inc.** S **Decorative Construction Supply**

D 1: 0 :	
DesignCrete	
enCOUNTER	
Something Better Co.	
SureCrete Design	
Surface 519	S
The Concrete Countertop Institut	е
The Stamp Store Inc.	S

Concrete Countertops — Waxes

Chem-Coat CHENG Concrete Cohill's Building Specialties Concrete Coatings Inc. Concrete Countertop Specialties **Concrete Solutions Inc.** Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S enCOUNTER

Concrete Curbing — **Colorant (see also Pigment** or Stains)

Solomon Colors Inc.

Concrete Curbing — **Extruding Machines**

RubberDek

Concrete Curbing — Stamps/Textures

Color Crown Corporation Decorative Concrete Supply Inc. S RubberDek

Concrete Finishing Aids

Brickform

Concrete Coatings Inc. Concrete Mosaics Inc.

Legacy Decorative Concrete Systems The Stamp Store Inc.

Concrete Mixers (see Mixers, Concrete)

Concrete Molds — Furniture

Buddy Rhodes Concrete Products S Crete Molds

Decorative Concrete Supply Inc. S

Concrete Molds — Mantels

Colledi Designs

S

Concrete Molds — Pavers

Olde World Stone & Tile Molds

Concrete Molds — Planters

Buddy Rhodes Concrete Products **Decorative Concrete Supply Inc.** S

Concrete Molds — Rocks

Color Crown Corporation Olde World Stone & Tile Molds Super Stone Inc.

Concrete Molds — Sinks, **Drains, Faucet Knockouts**

Buddy Rhodes Concrete Products S **Concrete Solutions Inc.** S Crete Molds **Decorative Concrete Supply Inc.** S **enCOUNTER** S The Stamp Store Inc.

Concrete Molds — Stone **Veneer**

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Olde World Stone & Tile Molds

Concrete Molds — Tile

Olde World Stone & Tile Molds

Concrete Molds — Walls (see also Forms)

Color Crown Corporation enCOUNTER Increte Systems

Concrete Placers

Color Crown Corporation Midwest Rake Company

Concrete Pump Primers

Decorative Construction Supply The Stamp Store Inc.

Concrete Pumping Aids

The Stamp Store Inc.

Concrete Resurfacing (see Overlays or Underlayments)

Consultants — **Decorative Concrete**

S Chem-Coat **Color Crown Corporation Concrete Coatings Inc. Decorative Concrete Supply Inc.** S **Dve-N-Seal enCOUNTER** Surface 519 S Surface Gel Tek The Stamp Store Inc. S

Consultants — Training **Ameripolish** Brickform Chem-Coat **Color Crown Corporation Concrete Coatings Inc. Concrete Mosaics Inc. Decorative Concrete Supply Inc.** S **enCOUNTER** Legacy Decorative Concrete Systems

The Concrete Countertop Institute

Control Joint Systems — Plastic Strips

The Stamp Store Inc.

Stegmeier LLC

Surface Gel Tek

Control Joint Systems - Sealants (see also Joint Fillers & Sealants)

Color Crown Corporation

Concrete Texturing Tool & Supply S **Crown Polymers LLC** Metzger / McGuire Stegmeier LLC

Coping — Precast (see also Forms)

enCOUNTER

Crack Repair — Fillers

Abatron Inc.

Color Crown Corporation Concrete Coatings Inc. Concrete Solutions Inc. Crown Polymers LLC

Metzger / McGuire Super Stone Inc. The Stamp Store Inc. WerkMaster

Crack Repair — Injection Resins

Abatron Inc.

Crown Polymers LLC

Crack-chasing Saws — **Hand-held**

Color Crown Corporation Dust Collection Products

Crack-chasing Saws — Wheel-mounted (see also Saws)

EDCO & CONTRx Systems

Curing Blankets — **Wet Curing**

Concrete Texturing Tool & Supply S

Curing Compounds

Ball Consulting Ltd. **Butterfield Color** S Chem-Coat **Color Crown Corporation** Concrete Texturing Tool & Supply S **Increte Systems** L.M. Scofield

S

S

Degreaser, Concrete (see **Cleaning Solutions**)

Drains — Trenches, Grates (see also Water Drainage)

Stegmeier LLC

Drills — Core/Tile

Applied Diamond Tools Dust Collection Products

Dry-shake (see Color Hardeners)

Dust Containment/Control (see also Vacuums)

CDC Larue Industries Inc. EDCO & CONTRx Systems WerkMaster



Education/Training Services (see **Training Videos)**

Engraving Tools — **Circle Engraving Tool**

Decorative Construction Supply Engrave-A-Crete Inc.

Engraving Tools — Needle Scalers

Decorative Construction Supply Engrave-A-Crete Inc.

Epoxy — Acrylic Urethane

Chem-Coat S **Color Crown Corporation Concrete Solutions Inc.** Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S

Epoxy — Aggregate

Color Crown Corporation Crown Polymers LLC Heritage Glass Inc.

Epoxy — Aliphatic Acrylic

Abatron Inc.

Color Crown Corporation Crown Polymers LLC

Decorative Construction Supply Kemiko Decorative and Industrial Coatings / Epmar Corporation

Epoxy — Moisture Barriers

Color Crown Corporation Concrete Solutions Inc. Concrete Texturing Tool & Supply S **Crown Polymers LLC Decorative Concrete Supply Inc.** S **Decorative Construction Supply** Key Resin Co. **Quest Building Products** S

Epoxy — Polyamide **Coatings**

Super Stone Inc.

Abatron Inc. Chem-Coat **Color Crown Corporation** Concrete Texturing Tool & Supply S **Crown Polymers LLC** Kemiko Decorative and Industrial Coatings / Epmar Corporation

Epoxy (Base) — **Acrylic Coating**

S Chem-Coat **Cohill's Building Specialties** S **Color Crown Corporation** S **Concrete Solutions Inc. Decorative Concrete Supply Inc.** S **Increte Systems** Kemiko Decorative and Industrial

Coatings / Epmar Corporation

Epoxy (Base) — **Custom Tints**

Abatron Inc. **Chem-Coat**

Color Crown Corporation

Epoxy (Base) — **Metallic Coatings**

Cohill's Building Specialties S **Crown Polymers LLC** S **Decorative Construction Supply** Key Resin Co.

Epoxy (Base) — Opaque Coatings (Two-part)

Abatron Inc. S Chem-Coat **Concrete Coatings Inc. Crown Polymers LLC Decorative Concrete Supply Inc.** S **Increte Systems**

Key Resin Co. **Rhino Linings Corporation**

Epoxy (Base) — **Pastes & Gels**

Abatron Inc.

Crown Polymers LLC

Kemiko Decorative and Industrial Coatings / Epmar Corporation Key Resin Co.

Epoxy (Base) — Polyurea

Chem-Coat **Color Crown Corporation Crown Polymers LLC**

Decorative Concrete Supply Inc. S Kemiko Decorative and Industrial Coatings / Epmar Corporation Key Resin Co.

Epoxy (Base) — **Polyurethane**

Color Crown Corporation

Concrete Coatings Inc. Concrete Texturing Tool & Supply S **Crown Polymers LLC**

Decorative Concrete Supply Inc. S **Decorative Construction Supply** Kemiko Decorative and Industrial Coatings / Epmar Corporation

Epoxy (Base) — **Rubberized Flooring**

Key Resin Co.

Color Crown Corporation

Concrete Texturing Tool & Supply S Key Resin Co.

Epoxy (Base) — **Vinyl Flake Systems**

Abatron Inc.

Color Crown Corporation Concrete Coatings Inc. Concrete Solutions Inc. Crown Polymers LLC Decorative Concrete Supply Inc. Decorative Construction Supply Elpis Technologies Inc. H & C Concrete Coatings **Increte Systems**

Epoxy/Polyurea Spatter Systems

Quest Building Products

Key Resin Co.

S

Color Crown Corporation Crown Polymers LLC Decorative Concrete Supply Inc. S

Etching Solutions — Gels

Cohill's Building Specialties S **Color Crown Corporation Decorative Construction Supply** Surface Gel Tek

Etching Solutions — Liquids

Abatron Inc. Brickform Chem-Coat **Color Crown Corporation**

Franmar Chemical H & C Concrete Coatings Legacy Decorative Concrete Systems

Expansion Joints — Fillers

Abatron Inc.

Color Crown Corporation Crown Polymers LLC



S

Faux Finishing Tools (see also Applicators of Trowels)

Color Crown Corporation

Float Accessories

Color Crown Corporation

Floats — Border, Raised Edge

Color Crown Corporation Midwest Rake Company

Floats — Extension Poles

Color Crown Corporation Decorative Concrete Supply Inc. S Kraft Tool Co.® S The Stamp Store Inc.

Floats — Magnesium

Color Crown Corporation Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S Kraft Tool Co.® The Stamp Store Inc. S

Floats — Resin

Buddy Rhodes Concrete Products S **Color Crown Corporation** Concrete Texturing Tool & Supply S Kraft Tool Co.® S The Stamp Store Inc.

Floats — Urethane

Color Crown Corporation

Floats — Wood (see also Trowels)

Concrete Texturing Tool & Supply S Kraft Tool Co ® The Stamp Store Inc. S

Floor Coatings (see Epoxys or Overlays)

Floor Machines — **Planetary Buffers**

Decorative Construction Supply

Floor Machines — **Planetary Scrubbers**

Color Crown Corporation Superabrasive Inc.

Floor Sanders — Planetary (see also Sanding)

Decorative Concrete Supply Inc. S Kut-Rite

Floor Strippers — **Handheld Chisel-type**

Color Crown Corporation

Floor Strippers — **Powered Chisel-type**

Color Crown Corporation EDCO & CONTRx Systems

Floor Strippers — **Replacement Blades**

Color Crown Corporation

Form Accessories — Stakes

Decorative Concrete Supply Inc. S

Form Release Agents (see also Release Agents)

Ball Consulting Ltd. **Cohill's Building Specialties** S **Color Crown Corporation Concrete Coatings Inc.** S The Stamp Store Inc.

S

S

Forms — Coping (Disposable)

Decorative Concrete Supply Inc. S Stegmeier LLC

Forms — Countertop

CHENG Concrete

Forms — Designs

The Stamp Store Inc.

Forms — Flatwork, Flexible

Concrete Texturing Tool & Supply S Kraft Tool Co.®

Forms — Flatwork, Rigid

Kraft Tool Co.®

Forms — Step Liners (Smooth)

Butterfield Color

Decorative Concrete Supply Inc. S Stegmeier LLC

The Stamp Store Inc.

Forms — Step Liners (Textured)

Butterfield Color

Forms — Steps

Stegmeier LLC

Forms — Wall Caps

Butterfield Color Increte Systems

Stegmeier LLC

Forms — Wall Liners (textured)

Butterfield Color

Colledi Designs

S

Color Crown Corporation

Forms — Precast (see Concrete Molds)

Franchises, Licensing **Agreements**

Olde World Stone & Tile Molds



Garage Floor Coatings (see also Epoxy Base or Vinyl Flake Systems)

Abatron Inc. **BOLDStone**

Chem-Coat

Cohill's Building Specialties

Color Crown Corporation

Concrete Coatings Inc.

Concrete Solutions Inc.

S Concrete Texturing Tool & Supply S

Crown Polymers LLC

Decorative Concrete Supply Inc. S **Decorative Construction Supply**

Elite Crete Systems

Elpis Technologies Inc.

Increte Systems

Kemiko Decorative and Industrial Coatings / Epmar Corporation

Key Resin Co.

Mineral Life Int'l Inc.

Quest Building Products

Rhino Linings Corporation

Vexcon Chemicals

Gauge Rakes — Adjustable (see Applicators)

Graffiti Removal — Chemical (see also Strippers)

Chem-Coat

Franmar Chemical

Grinders — Angle

Cohill's Building Specialties

Concrete Countertop Specialties Dust Collection Products

HoverTrowel Inc.

Kut-Rite

S

Quest Building Products

Grinders — Crack Chasers

Color Crown Corporation Concrete Coatings Inc.

Concrete Texturing Tool & Supply S **Dust Collection Products** The Stamp Store Inc.

Grinders — Edgers (Hand-held)

CDC Larue Industries Inc.

HoverTrowel Inc.

HTC Inc.

Kut-Rite

Grinders — Edgers (Walk-behind)

CDC Larue Industries Inc.

HTC Inc.

Kut-Rite

WerkMaster

Grinders — Walk-behind (see also Polishers)

CDC Larue Industries Inc.

Color Crown Corporation EDCO & CONTRx Systems

HTC Inc.

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S

S

Kut-Rite

PowerStar

Superabrasive Inc.

WerkMaster

Grinding Accessories — Pads

CHENG Concrete

Color Crown Corporation Concrete Coatings Inc.

concrete DECORATIVE CONSRTUCTION training 2009 SUPPLY, INC. RESERVE YOUR SPOT TODAY! 972.289.1700 DECORATIVE CONSTRUCTION SUPPLY. COM 020 US Hwy 80 East Mesquite, Tx

7	HoverTrowel Inc. HTC Inc. Kut-Rite	S
	Superabrasive Inc. WerkMaster	
	Grinding Accessories — Wheels, Carbide	
3	Color Crown Corporation Concrete Coatings Inc. EDCO & CONTRX Systems WerkMaster	
	Grinding Accessories — Wheels, Diamond	
_ _	Applied Diamond Tools CHENG Concrete Cohill's Building Specialties Color Crown Corporation Concrete Coatings Inc. Concrete Texturing Tool & Supply	s s
#	Diamond Tec Dust Collection Products EDCO & CONTRX Systems Quest Building Products The Stamp Store Inc. WerkMaster	S S
	Groovers, Concrete (see also Control Joints or Trowels)	
	Concrete Texturing Tool & Supply EDCO & CONTRx Systems The Stamp Store Inc.	s s
	Grout — Bags/Dispensers	
	Color Crown Corporation Concrete Texturing Tool & Supply Kraft Tool Co.°	
	Grout — Colorants	_
	Color Crown Corporation Concrete Coatings Inc. Concrete Texturing Tool & Supply Delta Performance Products	S
	Grout — Floats	_
	Color Crown Corporation Kraft Tool Co.°	
	Grout — Polymers	
	Color Crown Corporation Concrete Coatings Inc. Concrete Solutions Inc. Crown Polymers LLC	S
	Grout — Saws	_
	Color Crown Corporation Kraft Tool Co.°	
	Grout — Tape	_
	Brickform Color Crown Corporation Concrete Coatings Inc. Concrete Solutions Inc. Legacy Decorative Concrete System	S

Concrete Texturing Tool & Supply S

IU DU I EN 3 G	
Н	Concrete Texturing Tool & Supply S Rhino Linings Corporation
Hopper, Guns (see Sprayers)	K
	Knee Boards & Kneeler Boards
Internet Solutions — Networking CHENG Concrete S	Colledi Designs Color Crown Corporation Concrete Texturing Tool & Supply S HoverTrowel Inc. S Kraft Tool Co.*
Color Crown Corporation Internet Solutions —	Kneepads
Online Advertising CHENG Concrete S Color Crown Corporation	Color Crown Corporation Concrete Coatings Inc. Concrete Texturing Tool & Supply S HoverTrowel Inc.
Something Better Co. The Stamp Store Inc. S Internet Solutions — Web Design	<u>L</u>
Color Crown Corporation Something Better Co.	Lighting — Fiber Optics Concrete Texturing Tool & Supply S
Joint Fillers & Sealants — Epoxy	Liquid Release (see Color Release Agents)
Abatron Inc. Color Crown Corporation Concrete Coatings Inc.	Masking Equipment — Machines
Crown Polymers LLC Key Resin Co.	Color Crown Corporation
Metzger / McGuire	Masking Products — Floor Protection
Joint Fillers & Sealants — Injection Resin	Color Crown Corporation
Color Crown Corporation Crown Polymers LLC Surface 519 S	Masking Products — Tape Color Crown Corporation Decorative Concrete Supply Inc. S
Joint Fillers & Sealants — Mastic	Measuring Equipment — Cups
Color Crown Corporation Crown Polymers LLC Stegmeier LLC	Color Crown Corporation The Stamp Store Inc. S
Joint Fillers & Sealants	Measuring Equipment — Syringes
— Polyurea Color Crown Corporation Metzger / McGuire	The Stamp Store Inc. S Measuring Equipment — Wheels
Joint Fillers & Sealants — Semi-rigid (see also Control	Color Crown Corporation HoverTrowel Inc. S

Corrosion Inhibitors Color Crown Corporation Rhino Linings Corporation Metallic Coatings (see also Coatings) **Decorative Construction Supply** Elpis Technologies Inc. Key Resin Co. **Metallic Powders Cohill's Building Specialties** S **Decorative Construction Supply** S **Delta Performance Products Mixers** — Manual **Decorative Construction Supply** S HoverTrowel Inc. S S The Stamp Store Inc. Mixers, Cement — **Agitators (Electric) Color Crown Corporation enCOUNTER** S The Stamp Store Inc. **Mixers, Cement — Batch Type/Wheel-Mounted Color Crown Corporation** HoverTrowel Inc. S Mixers, Cement — **Hand-held (Electric) Color Crown Corporation Concrete Coatings Inc. Decorative Construction Supply** Mixers, Concrete — **Portable Stand** Ball Consulting Ltd. **CHENG Concrete** S **Decorative Construction Supply enCOUNTER** Mixers, Mortar — **Portable Stand** Ball Consulting Ltd. HoverTrowel Inc. S Mixers, Mortar — **Trailer-mounted** RubberDek S **Mixing Tools** — **15-gallon Barrels Decorative Construction Supply** S HoverTrowel Inc. S Kraft Tool Co.® **Midwest Rake Company Mixing Tools** — Buckets **Color Crown Corporation** HoverTrowel Inc. S Kraft Tool Co.®

Metal Primers —

Joint Systems)

Cohill's Building Specialties

Joint Sealant Equipment Color Crown Corporation

Color Crown Corporation

Crown Polymers LLC

Metzger / McGuire

S

Metakaolin (see Cement)

Metal Edging, Transition

Strips (Decorative)

Color Crown Corporation

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Mixing Tools — Paddles

Color Crown Corporation

Concrete Coatings Inc. Concrete Solutions Inc.

Decorative Construction Supply

HoverTrowel Inc.

Kraft Tool Co.®

Midwest Rake Company

The Stamp Store Inc.

Moisture Barriers — **Epoxy**

Color Crown Corporation

Crown Polymers LLC

Decorative Construction Supply

The Stamp Store Inc.

Moisture Barriers

Kev Resin Co.

Surface 519

Moisture Detection — **Meters**

The Stamp Store Inc.

Moisture Detection — Testers

The Stamp Store Inc.

Mold-making Materials

Abatron Inc.

Ball Consulting Ltd.

CHENG Concrete

Concrete Texturing Tool & Supply S

Molding — Precast

enCOUNTER

SpeedCove Inc. / Solid Rock

Enterprises

Molds (see Concrete Molds)

Mortar — Concrete Repair

Color Crown Corporation

Crown Polymers LLC



Needle Scalers - Pneumatic (see also **Engraving Tools**)

Decorative Construction Supply



Overlays — Multiple Faux **Finishes**

Architectural Enhancements

Color Crown Corporation Decorative Concrete Supply Inc. $\,\,$ $\,$ $\,$

L & M Industries LLC **Super Stone Inc.**

Overlays — Rubberized **Surfacing Material**

Color Crown Corporation

RubberDek

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Overlavs — Vertical (see also Vertical Overlays)

Architectural Enhancements

BOLDStone

Butterfield Color

Color Crown Corporation

Concrete Coatings Inc.

Decorative Concrete Impressions (DCI)

Decorative Concrete Supply Inc. S

Decorative Construction Supply

EZChem Inc.

Mineral Life Int'l Inc.

RubberDek

The Stamp Store Inc.

Overlays — Waterproofing **Flexible Stone**

Color Crown Corporation

EZChem Inc.

Overlays (Polymer Modified) — Countertop

Architectural Enhancements

BOLDStone

Cohill's Building Specialties

Color Crown Corporation

Concrete Coatings Inc.

Concrete Solutions Inc.

Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. S

Elite Crete Systems

EZChem Inc.

Something Better Co.

SureCrete Design

Surface 519

Overlays (Polymer Modified) — Microtoppings (Interior)

Architectural Enhancements

Brickform

Butterfield Color

Cohill's Building Specialties

Color Crown Corporation

Concrete Coatings Inc.

Concrete Mosaics Inc. Concrete Solutions Inc.

Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc.

Decorative Construction Supply

Elite Crete Systems

EZChem Inc.

Legacy Decorative Concrete Systems Skimstone div of Rudd Company Inc.

Something Better Co. SureCrete Design

The Stamp Store Inc.

Overlays (Polymer Modified) — Patch Overlayment

Color Crown Corporation

Concrete Coatings Inc.

Concrete Solutions Inc. Concrete Texturing Tool & Supply S Decorative Concrete Supply Inc. $\,\,$ $\,$ $\,$ **Decorative Construction Supply** SureCrete Design

Overlays (Polymer Modified) — Self-leveling (Exterior)

Color Crown Corporation

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Concrete Texturing Tool & Supply S Elpis Technologies Inc.

Overlays (Polymer Modified) — Self-leveling (Interior)

Color Crown Corporation

Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. S

Decorative Construction Supply

Elpis Technologies Inc. **Increte Systems**

W.R. Meadows Inc.

Overlays (Polymer Modified) — Spray Textures (Exterior)

BOI DStone

Brickform

Butterfield Color

Cohill's Building Specialties

Color Crown Corporation

Concrete Coatings Inc.

Concrete Mosaics Inc.

Concrete Solutions Inc.

Concrete Texturing Tool & Supply S **Decorative Concrete Impressions (DCI)**

Decorative Concrete Supply Inc. S

Decorative Construction Supply

Elite Crete Systems EZChem Inc.

Increte Systems Legacy Decorative Concrete Systems

RubberDek

Super Stone Inc.

SureCrete Design The Stamp Store Inc.

Overlays (Polymer Modified) — Stampable **Toppings**

Architectural Enhancements

Brickform **Butterfield Color**

Cohill's Building Specialties

Color Crown Corporation

Concrete Coatings Inc.

Concrete Mosaics Inc. Concrete Solutions Inc.

Concrete Texturing Tool & Supply

Decorative Concrete Supply Inc. Decorative Construction Supply

Elite Crete Systems EZChem Inc.

Increte Systems

H & C Concrete Coatings

L.M. Scofield

Legacy Decorative Concrete Systems

RubberDek **Super Stone Inc.**

SureCrete Design The Stamp Store Inc.

Overlavs (Polymer Modified) — Terrazzo

Heritage Glass Inc.

Overlavs (Polymer Modified) — Trowelable

Architectural Enhancements

BOLDStone

Brickform

Butterfield Color

Cohill's Building Specialties Color Crown Corporation

Concrete Coatings Inc.

Concrete Mosaics Inc.

Concrete Solutions Inc. Concrete Texturing Tool & Supply S

Decorative Concrete Impressions (DCI)

Decorative Concrete Supply Inc. S **Decorative Construction Supply**

EZChem Inc.

Increte Systems

L.M. Scofield Legacy Decorative Concrete Systems

The Stamp Store Inc.

Overlays (Polymer Modified) — Wood Substrates

Concrete Solutions Inc. Concrete Texturing Tool & Supply S

Overlays (Polymer) — **Microtopping (Interior)**

Brickform **Cohill's Building Specialties**

Color Crown Corporation

Concrete Coatings Inc. Concrete Solutions Inc. S

S

S

Concrete Texturing Tool & Supply S

Crown Polymers LLC

Decorative Concrete Supply Inc. S

SureCrete Design

S

S

Decorative Construction Supply EZChem Inc.

Legacy Decorative Concrete Systems Mineral Life Int'l Inc.

Quest Building Products Skimstone div of Rudd Company Inc.

The Stamp Store Inc. Overlays (Polymer) —

Self-Leveling (Exterior)

Elpis Technologies Inc.

Color Crown Corporation Concrete Texturing Tool & Supply S **Crown Polymers LLC**

Overlays (Polymer) — **Self-Leveling (Interior)**

Color Crown Corporation

Concrete Texturing Tool & Supply S **Crown Polymers LLC**

Decorative Concrete Supply Inc. S Elpis Technologies Inc.

Overlays (Polymer) — **Terrazzo**

Crown Polymers LLC Heritage Glass Inc.

Overlavs (Polymer) — **Trowelable**

BOLDStone Brickform

Color Crown Corporation

Concrete Solutions Inc. Concrete Texturing Tool & Supply S **Crown Polymers LLC**

Decorative Construction Supply

Legacy Decorative Concrete Systems Skimstone div of Rudd Company Inc. SureCrete Design

Overlays (Polymer) — **Wood Substrates**

Color Crown Corporation

Concrete Solutions Inc. Concrete Texturing Tool & Supply S **Crown Polymers LLC**



Paint Removers (see Strippers)

Patching Compounds — **Skimcoat (Fast-setting)**

Concrete Coatings Inc. Crown Polymers LLC Decorative Construction Supply Metzger / McGuire

Pigment — Bag Mixes

Brickform **CHENG Concrete Cohill's Building Specialties Color Crown Corporation** Concrete Texturing Tool & Supply S **Decorative Construction Supply Delta Performance Products** L & M Industries LLC Legacy Decorative Concrete Systems

Pigment — Custom Colors

Solomon Colors Inc.

Brickform **Butterfield Color** S **Cohill's Building Specialties Color Crown Corporation Concrete Coatings Inc.** Concrete Texturing Tool & Supply S **Delta Performance Products Increte Systems** L.M. Scofield Legacy Decorative Concrete Systems

Pigment — Granular

Solomon Colors Inc.

Delta Performance Products Solomon Colors Inc.

Pigment —	Integra
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Architectural Enhancements Brickform S **Buddy Rhodes Concrete Products Butterfield Color CHENG Concrete** S **Color Crown Corporation Concrete Coatings Inc.** S **Concrete Solutions Inc.**

Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S **Decorative Construction Supply**

Delta Performance Products

Increte Systems

S

L.M. Scofield Legacy Decorative Concrete Systems RubberDek

Skimstone div of Rudd Company Inc. Solomon Colors Inc. **Super Stone Inc.**

Pigment — Iron Oxide (Liquid)

Brickform

Butterfield Color

Color Crown Corporation

Concrete Texturing Tool & Supply S **enCOUNTER**

Increte Systems

Legacy Decorative Concrete Systems **Solomon Colors Inc.**

Pigment — Iron Oxide (Powder)

Architectural Enhancements Brickform

Butterfield Color

Cohill's Building Specialties

Color Crown Corporation

Concrete Solutions Inc. Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. S

Delta Performance Products

Increte Systems

Legacy Decorative Concrete Systems Solomon Colors Inc.

Super Stone Inc.

Pigment Dispensing Equipment

Brickform

S

Butterfield Color

Concrete Texturing Tool & Supply S **Increte Systems**

L.M. Scofield

Legacy Decorative Concrete Systems Solomon Colors Inc.

Pigment, Specialty — **Carbon Black**

Brickform

S **Cohill's Building Specialties** Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. S Delta Performance Products

Increte Systems Legacy Decorative Concrete Systems **Solomon Colors Inc.**

Pigment, Specialty — **Metallic Powders**

Architectural Enhancements Cohill's Building Specialties S **Decorative Concrete Supply Inc.** S **Delta Performance Products Increte Systems**

Pigment, Specialty — **Reflective Granules**

Delta Performance Products Increte Systems

Polishing Equipment — **Electric (Hand-held)**

Applied Diamond Tools Concrete Countertop Specialties Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S Diamond Tec S HoverTrowel Inc. Kut-Rite The Stamp Store Inc.

Polishing Equipment — **Electric (Walk-behind)**

CDC Larue Industries Inc.

Color Crown Corporation

Concrete Countertop Specialties Concrete Texturing Tool & Supply S

Diamond Tec EDCO & CONTRx Systems

HTC Inc.

Kut-Rite

S

Quest Building Products

Superabrasive Inc.

VIC International Corporation

WerkMaster

Polishing Equipment — **Gas/Propane (Walk-behind)**

CDC Larue Industries Inc.

Color Crown Corporation

Concrete Texturing Tool & Supply S **PowerStar**

VIC International Corporation WerkMaster

Polishing Equipment — **Pneumatic (Hand-held)**

Applied Diamond Tools Concrete Countertop Specialties Concrete Texturing Tool & Supply S Diamond Tec HoverTrowel Inc.

Polishing Equipment - Ride-on

HTC Inc.

PowerStar

Polishing Pads — Hand-held

Applied Diamond Tools CHENG Concrete Concrete Countertop Specialties Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S **enCOUNTER** HoverTrowel Inc. S Kut-Rite The Stamp Store Inc. S VIC International Corporation S

Polishing Pads — **Metal Bond (Diamond)**

Applied Diamond Tools CHENG Concrete Concrete Countertop Specialties S Concrete Texturing Tool & Supply S EDCO & CONTRx Systems S HoverTrowel Inc. Kut-Rite Superabrasive Inc. S **VIC International Corporation** WerkMaster

Polishing Pads — **Polycarbonate (Diamond)**

S

VIC International Corporation

Polishing Pads — **Resin Bond (Diamond)**

Applied Diamond Tools Concrete Countertop Specialties S Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S **enCOUNTER** EDCO & CONTRx Systems HoverTrowel Inc. S HTC Inc. Kut-Rite S **Quest Building Products** Superabrasive Inc. **VIC International Corporation** S WerkMaster

Polyaspartics

S

S

Rhino Linings Corporation

Power Trowels — **Accessories**

Concrete Texturing Tool & Supply S

Power Trowels — Blades (Plastic Bolt-on)

Concrete Texturing Tool & Supply S

Power Trowels — Blades (Plastic Clip-on)

Concrete Texturing Tool & Supply S

Power Trowels — Blades (Steel Bolt-on)

Concrete Texturing Tool & Supply S Kraft Tool Co.®

Power Trowels — Blades (Steel Clip-on)

Concrete Texturing Tool & Supply S Kraft Tool Co.®

Power Trowels — Float Pans

Concrete Texturing Tool & Supply S

S

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Power Trowels — **Machines (Riding)**

Kraft Tool Co.®

Concrete Texturing Tool & Supply S

Power Trowels — **Machines (Walk-behind)**

Concrete Texturing Tool & Supply S EDCO & CONTRx Systems HoverTrowel Inc.

Prefabricated Cove Base

Concrete Coatings Inc.

Quest Building Products SpeedCove Inc. / Solid Rock Enterprises

Publications & Books (see also Training Videos)

CHENG Concrete Decorative Concrete Supply Inc. S **enCOUNTER**

Surface Gel Tek

Pump Sprayers (see also Sprayers, Water Pumps)

Concrete Solutions Inc. **Decorative Concrete Supply Inc.** S **Decorative Construction Supply Patriot Sprayer**

Radiant Heating Systems — Hydronic

Concrete Texturing Tool & Supply S

Reinforcement Material - Fabric Mesh

Chomarat North America Decorative Concrete Supply Inc. S

Reinforcement Material — Glass Filament

Ball Consulting Ltd. **Buddy Rhodes Concrete Products** S **CHENG Concrete Delta Performance Products**

Reinforcement Material — Glass, Graphite Mesh

Ball Consulting Ltd. Buddy Rhodes Concrete Products S **Chomarat North America**

Reinforcement Material - Synthetic Fiber

Delta Performance Products

Relative Humidity Tests

The Stamp Store Inc.

Release Agents — **Form Release**

Ball Consulting Ltd. Buddy Rhodes Concrete Products S Concrete Texturing Tool & Supply S **Franmar Chemical Increte Systems Super Stone Inc.**

Release Agents — **Liquid Concentrate**

The Stamp Store Inc.

Color Crown Corporation Concrete Texturing Tool & Supply S **Increte Systems**

Release Agents — **Liquid Release**

S

Ball Consulting Ltd. Brickform **Butterfield Color**

Cohill's Building Specialties

Color Crown Corporation

Concrete Coatings Inc. Concrete Mosaics Inc.

Concrete Solutions Inc. Concrete Texturing Tool & Supply

Decorative Concrete Supply Inc. S

Decorative Construction Supply

Elite Crete Systems EZChem Inc.

Increte Systems

Kraft Tool Co.® L.M. Scofield

Legacy Decorative Concrete Systems RubberDek

The Stamp Store Inc. Vexcon Chemicals

Release Agents — Powder **Antiquing Release**

Brickform

Butterfield Color Cohill's Building Specialties

Color Crown Corporation Concrete Mosaics Inc.

Concrete Solutions Inc. Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc.

Elite Crete Systems

EZChem Inc. **Increte Systems**

L.M. Scofield

Legacy Decorative Concrete Systems RubberDek S

Super Stone Inc.

The Stamp Store Inc.

Respirators — Cartridge (Disposable)

Decorative Concrete Supply Inc. S

Respirators — Paper

Decorative Concrete Supply Inc. S **Dust Collection Products**

Retardants — Evaporation **Suppression**

Concrete Mosaics Inc.

Decorative Construction Supply The Stamp Store Inc.

S

Rock-making Materials — Bag Mix

Concrete Texturing Tool & Supply S The Stamp Store Inc.

Rock-making Materials - Panels, GFRC

Ball Consulting Ltd.

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Rock-making Materials — Precast Molds

Olde World Stone & Tile Molds

Rock-making Materials — Stampable/Carvable

Color Crown Corporation

Concrete Texturing Tool & Supply S The Stamp Store Inc.

Rubber Surfacing Material (see also Overlays)

Color Crown Corporation Concrete Coatings Inc.

RubberDek



Safety Coatings — **Luminescent**

Crown Polymers LLC

Safety Systems — Surfacing

Color Crown Corporation

RubberDek Surface Gel Tek

Sand-Blasting — Machines

Engrave-A-Crete Inc.

Sanding Tools — Floor Machines

HoverTrowel Inc.

Kut-Rite

WerkMaster

Sanding Tools — Pads

enCOUNTER

HoverTrowel Inc.

The Stamp Store Inc. WerkMaster

Saw Blades — Crack **Chasing**

Applied Diamond Tools Concrete Countertop Specialties Concrete Texturing Tool & Supply S EDCO & CONTRx Systems

Quest Building Products Super Stone Inc. The Stamp Store Inc.

Saw Blades — Diamond, **Dry-cut**

Applied Diamond Tools Concrete Coatings Inc. Concrete Countertop Specialties Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S EDCO & CONTRx Systems

Saw Blades — Diamond, **Wet-cut**

The Stamp Store Inc.

Concrete Countertop Specialties Concrete Texturing Tool & Supply S EDCO & CONTRx Systems

Saw Blades — Grooving/ Scoring

Concrete Coatings Inc. Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S The Stamp Store Inc.

Saw Carts

S

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S

Concrete Texturing Tool & Supply S **Dust Collection Products** The Stamp Store Inc.

Saws — Crack-chasing

Concrete Texturing Tool & Supply S

Saws — General Purpose

EDCO & CONTRx Systems

Saws — Hand-held

Applied Diamond Tools Concrete Coatings Inc. Concrete Countertop Specialties S Concrete Texturing Tool & Supply S HoverTrowel Inc.

Saws — Walk-behind

Concrete Texturing Tool & Supply S

Scarifiers — **Wheel-mounted**

EDCO & CONTRx Systems

Scarifying Machines

Kut-Rite

Scoring — Tape

Super Stone Inc.

Scoring — Tools **Decorative Construction Supply**

Engrave-A-Crete Inc. **Super Stone Inc.**

Screeds —

Aluminum Boards

Concrete Texturing Tool & Supply S Kraft Tool Co.® The Stamp Store Inc.

Sealers — Lacquer

(Low-sheen)

Sealers — Polymers

S

Chem-Coat

Color Crown Corporation

Concrete Coatings Inc.

Screeds — Power-assisted

Concrete Texturing Tool & Supply S

Concrete lexturing look & Supply S	Concrete Mosaics Inc.	(2011 0110011)	Chem-Coat
Screeds — Roller	Concrete Texturing Tool & Supply	S Color Crown Corporation	CHENG Concrete
HoverTrowel Inc. S	Decorative Construction Supply	S Concrete Solutions Inc. Concrete Texturing Tool & Supply	S Color Crown Corporation S Crown Polymers LLC
	enCOUNTER	Triple-S Chemicals	Decorative Concrete Supply Inc.
Sealers — Acrylic (Opaque)	EZChem Inc. Increte Systems	· ·	EZChem Inc.
Chem-Coat S	Surface Knatings Inc	Sealers — Lithium-based	Sealers — Polyurea
Cohill's Building Specialties S	Vexcon Chemicals	Chem-Coat	S :
Color Crown Corporation	W.R. Meadows Inc.	Concrete Texturing Tool & Supply	
Concrete Coatings Inc.	WerkMaster	Delta Performance Products	Color Crown Corporation
Concrete Solutions Inc. S	Weikingstei	L.M. Scofield	Crown Polymers LLC
Concrete Texturing Tool & Supply S	Sealers — Densifier,	Mineral Life Int'l Inc.	Decorative Concrete Supply Inc.
Decorative Concrete Supply Inc. S	Hardener	Surface 519	S EZChem Inc.
H & C Concrete Coatings		WerkMaster	Key Resin Co.
Increte Systems	Chem-Coat	S	The Stamp Store Inc.
Super Stone Inc.	Cohill's Building Specialties	Sealers — Penetrating	
Surface Koatings Inc.	Concrete Solutions Inc.	S (Dustproofing)	Sealers — Silane
Vexcon Chemicals	Concrete Texturing Tool & Supply	S Chem-Coat	S Chem-Coat S
	Decorative Construction Supply	Cohill's Building Specialties	S Concrete Texturing Tool & Supply
Sealers — Acrylic	EDCO & CONTRx Systems	Color Crown Corporation	SureCrete Design
(Transparent)	EZChem Inc.	Concrete Solutions Inc.	S Coolere Cilicene
Architectural Enhancements	Increte Systems L.M. Scofield	Concrete Texturing Tool & Supply	Sealers — Silicone
Brickform	Lythic Solutions Inc.	Crown Polymers LLC	Chem-Coat S
Chem-Coat S	· · ·	enCOUNTER	Decorative Concrete Supply Inc.
CHENG Concrete S	Mineral Life Int'l Inc.	EZChem Inc.	
Cohill's Building Specialties S	Powerstar	Surface 519	Sealers — Siloxane
Color Crown Corporation	Superabrasive Inc.	The Stamp Store Inc.	S Chem-Coat S
Concrete Coatings Inc.	SureCrete Design	W.D. Moodows Inc	Concrete Texturing Tool & Supply
Concrete Mosaics Inc.	Surface 519	S World Master	Surface Koatings Inc.
Concrete Texturing Tool & Supply S	The Stamp Store Inc.	S Werkingster	
Decorative Concrete Supply Inc. S	vexcon Chemicals	Sealers — Pigmented	Sealers —
Decorative Construction Supply S	W.K. Meadows Inc.	Butterfield Color	Specialty Coatings
Dye-N-Seal	WerkMaster	Chem-Coat	S Chem-Coat S
Elite Crete Systems	Soalors — Enovy	Cohill's Building Specialties	S CHENG Concrete
enCOUNTER	Sealers — Epoxy	Color Crown Corporation	Concrete Texturing Tool & Supply
EZChem Inc.	Architectural Enhancements	Concrete Mosaics Inc.	Surface 519
	Chem-Coat	Concrete Colutions Inc	
H & C Concrete Coatings	Cohill's Building Specialties	S Concrete Solutions Inc.	_
Increte Systems L.M. Scofield	Color Crown Corporation	Concrete Texturing Tool & Supply	Sealers — Urethane
	Concrete Coatings Inc.	Crown Polymers LLC	(acc also Ocalinda)
Legacy Decorative Concrete Systems	Concrete Solutions Inc.	S Decorative Concrete Supply Inc.	J
Lythic Solutions Inc.	Concrete Texturing Tool & Supply	S Decorative Construction Supply	S Butterfield Color
RubberDek S	Crown Polymers LLC	Increte Systems	Chem-Coat S
Super Stone Inc.	Decorative Construction Supply	S Kemiko Decorative and Industrial	Cohill's Building Specialties S
Surface Koatings Inc.	Flite Crete Systems	Coatings / Epmar Corporation	Color Crown Corporation
The Stamp Store Inc. S	enCOUNTER	L.M. Scofield	Concrete Coatings Inc.
Triple-S Chemicals	Engrave-A-Crete Inc.	Super Stone Inc.	Concrete Solutions Inc.
Vexcon Chemicals	Increte Systems	The Stamp Store Inc.	S Concrete Texturing Tool & Supply S
W.R. Meadows Inc.	Kemiko Decorative and Industrial	Sealers - Polished Concre	Crown Polymers LLC
WerkMaster	Coatings / Epmar Corporation	Sealers - Polisileu Colicre	Decorative Concrete Supply Inc. S
Sealers — Anti-spalling	Key Resin Co.	Ameripolish	Decorative Construction Supply S
	Super Stone Inc.	Chem-Coat	S Increte Systems
Chem-Coat S	Surface 519	S CHENG Concrete	S Kemiko Decorative and Industrial
Color Crown Corporation	The Stamp Store Inc.	S Concrete Solutions Inc.	S Coatings / Epmar Corporation
Concrete Texturing Tool & Supply S		Concrete Texturing Tool & Supply	S Key Resin Co.
Crown Polymers LLC	Sealers — Lacquer	Decorative Construction Supply	S Surface 519 S
W.R. Meadows Inc.	(gloss sheen)	Lythic Solutions Inc.	The Stamp Store Inc.
Sealers — Concrete	Brickform	PowerStar	Triple-S Chemicals
Countertop	Color Crown Corporation	Quest Building Products	S Soalors — IIV-oured /
	Concrete Solutions Inc.	S Surface 519	S Sealers — UV-cured/
The Concrete Countertop Institute	Concrete Texturing Tool & Supply	S The Stamp Store Inc.	S Nanotechnology
Sealers — Cure & Seal	Elite Crete Systems	vexcon Chemicals	Surface 519
	Legacy Decorative Concrete System	W.R. Meadows Inc.	Coolors Water based
Architectural Enhancements	Quest Building Products	S WerkMaster	Sealers — Water-based
Butterfield Color	Surface Knatings Inc.	Sealers — Polyaspartics	Architectural Enhancements
Chem-Coat S	Triple-S Chemicals		— Buddy Rhodes Concrete Products S
Cohill's Building Specialties S	pio o onomiodio	Rhino Linings Corporation	Chem-Coat S

CHENG Concrete	S
Cohill's Building Specialties	S
Color Crown Corporation	
Concrete Coatings Inc.	
Concrete Mosaics Inc.	
Concrete Solutions Inc.	S
Concrete Texturing Tool & Supply	S
Crown Polymers LLC	
Decorative Concrete Supply Inc.	S
Decorative Construction Supply	S
Elite Crete Systems	
Engrave-A-Crete Inc.	
EZChem Inc.	
Kemiko Decorative and Industrial	
Coatings / Epmar Corporation	
Key Resin Co.	
Quest Building Products	S
Skimstone div of Rudd Company Ir	C.
Surface 519	S
The Stamp Store Inc.	S
W.R. Meadows Inc.	
WerkMaster	
Sealers — Water-based	

Urethane Gloss S Chem-Coat **Cohill's Building Specialties** S **Color Crown Corporation Concrete Coatings Inc.** S **Concrete Solutions Inc.** Concrete Texturing Tool & Supply S **Crown Polymers LLC Decorative Concrete Supply Inc.** S **Decorative Construction Supply** Kemiko Decorative and Industrial Coatings / Epmar Corporation Key Resin Co. SureCrete Design

Sealers — Water-based **Urethane Satin**

The Stamp Store Inc.

WerkMaster

Buddy Rhodes Concrete Products Chem-Coat Cohill's Building Specialties S **Concrete Solutions Inc.** S Concrete Texturing Tool & Supply S **Crown Polymers LLC Decorative Concrete Supply Inc.** S **Decorative Construction Supply** Kemiko Decorative and Industrial Coatings / Epmar Corporation Key Resin Co. **PowerStar**

Shoes/Spiked Soles (see also Clothing)

SureCrete Design

Concrete Coatings Inc. Concrete Solutions Inc. Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S **Decorative Construction Supply** S HoverTrowel Inc. S Kraft Tool Co.® S The Stamp Store Inc.

Shoes/Spiked Soles (see also Clothing) — **Rounded Tip**

Midwest Rake Company

Shot-blasting — Equipment (Riding)

HoverTrowel Inc.

Slip-resistant Additives

Butterfield Color Chem-Coat Concrete Coatings Inc. Concrete Solutions Inc. Decorative Concrete Supply Inc. Decorative Construction Supply Elpis Technologies Inc. **Increte Systems Super Stone Inc.** The Stamp Store Inc.

Spiked Rollers

Decorative Construction Supply S HoverTrowel Inc. S Kraft Tool Co.® **Midwest Rake Company** S The Stamp Store Inc.

Sprayers — Aerosol (Disposable)

Concrete Texturing Tool & Supply S **Decorative Construction Supply** S The Stamp Store Inc. S

Sprayers — Air-charged

Color Crown Corporation Concrete Solutions Inc. S Concrete Texturing Tool & Supply S HoverTrowel Inc.

Sprayers — Airless Sprayer

Color Crown Corporation

Sprayers — CO2-powered

Patriot Sprayer

S

Sprayers — GFRC

Ball Consulting Ltd.

Sprayers — Hand-held

Color Crown Corporation Concrete Solutions Inc. Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S **Decorative Construction Supply** S HoverTrowel Inc. S Kraft Tool Co.®

Sprayers — Hand-held (Noncorrosive)

Color Crown Corporation

Sprayers — Hoppers. Air-assisted

Color Crown Corporation Concrete Coatings Inc. Concrete Solutions Inc.

Kraft Tool Co.®

S

S

S

S

Sprayers — HVLP

Color Crown Corporation

Sprayers — Industrial **Pumps**

Color Crown Corporation Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S

Sprayers — Industrial **Pumps (Noncorrosive)**

Color Crown Corporation Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.**

Spreaders — Roller Screeds

HoverTrowel Inc.

Spreaders — **Squeegees/Blades**

Color Crown Corporation Concrete Coatings Inc. Decorative Concrete Supply Inc. S **Decorative Construction Supply** HoverTrowel Inc. Kraft Tool Co.® **Midwest Rake Company**

Squeegees (see also Applicators)

Concrete Solutions Inc. S **Decorative Concrete Supply Inc.** S Kraft Tool Co.® **Midwest Rake Company**

Stain — Acrylic (Concentrates)

Chem-Coat **Color Crown Corporation** Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S

Stain — Acrylic (Water-based)

Brickform **Chem-Coat** S **Cohill's Building Specialties** S **Color Crown Corporation Concrete Mosaics Inc. Concrete Solutions Inc.** Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S **Decorative Construction Supply** Elite Crete Systems **enCOUNTER** Engrave-A-Crete Inc. EZChem Inc. H & C Concrete Coatings **Increte Systems** Kemiko Decorative and Industrial

Coatings / Epmar Corporation

The Stamp Store Inc.

Vexcon Chemicals

S

Legacy Decorative Concrete Systems

Stain — Alternative

Skimstone div of Rudd Company Inc.

Stain — Dyes **Ameripolish**

Brickform Chem-Coat **Color Crown Corporation Concrete Coatings Inc. Concrete Solutions Inc.** Concrete Texturing Tool & Supply S **Decorative Construction Supply** Dye-N-Seal Elite Crete Systems **enCOUNTER**

EZChem Inc. **Increte Systems** L.M. Scofield

Surface Koatings Inc. Triple-S Chemicals

WerkMaster

Stain — Epoxy/Polymer Key Resin Co.

S

Stain — Epoxy/Polyurea

Chem-Coat S **Color Crown Corporation** Concrete Texturing Tool & Supply S **Crown Polymers LLC**

Stain — Exterior **Solvent-based Dye**

Chem-Coat Dye-N-Seal

Stain — MMA Based

Chem-Coat

Key Resin Co.

Stain — Opaque Coatings

Butterfield Color Color Crown Corporation Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S H & C Concrete Coatings **Increte Systems**

Stain — Polymer Modified

Butterfield Color Color Crown Corporation Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S Elite Crete Systems L.M. Scofield

otain — Reactive Acid	
Architectural Enhancements	
Brickform	
Chem-Coat	S
Cohill's Building Specialties	S
Color Crown Corporation	
Concrete Coatings Inc.	
Concrete Mosaics Inc.	
Concrete Solutions Inc.	S
Concrete Texturing Tool & Supply	S
Decorative Concrete Impressions (D	CI)
Decorative Concrete Supply Inc.	S

Decorative Construction Supply Elite Crete Systems enCOUNTER EZChem Inc.	Stenciling Gels (Etching Solutions) Cohill's Building Specialties Color Crown Corporation	Concrete Texturing Tool & Supply S Increte Systems Modello Designs Stencils — Vinyl	Color Crown Corporation Decorative Concrete Supply Inc. S Strippers — Paint Remover
H & C Concrete Coatings Increte Systems Kemiko Decorative and Industrial Coatings / Epmar Corporation L.M. Scofield Legacy Decorative Concrete Systems	Decorative Construction Supply S Increte Systems Surface Gel Tek Stenciling Tapes	Colledi Designs Concrete Texturing Tool & Supply S Dye-N-Seal Increte Systems Legacy Decorative Concrete Systems	(Biodegradeable) Chem-Coat S Color Crown Corporation Decorative Concrete Supply Inc. Decorative Construction Supply Franmar Chemical
Surface Koatings Inc.	Color Crown Corporation Concrete Coatings Inc. Legacy Decorative Concrete Systems	Modello Designs RubberDek S Surface Gel Tek	Strippers — Sealer Removal
Triple-S Chemicals Stain — Reactive Acid (Concentrates)	Stencils — Adhesive-backed	Straining — Cones Color Crown Corporation	Chem-Coat S Cohill's Building Specialties S Color Crown Corporation
Butterfield Color Chem-Coat Concrete Solutions Inc. Concrete Texturing Tool & Supply Decorative Concrete Supply Inc. enCOUNTER Engrave-A-Crete Inc.	Ameripolish Butterfield Color Colledi Designs Color Crown Corporation Concrete Texturing Tool & Supply S Decorative Concrete Impressions (DCI) enCOUNTER Increte Systems	Chem-Coat Cohill's Building Specialties Color Crown Corporation Decorative Concrete Supply Inc. Decorative Construction Supply Strippers — Epoxy Remover	Concrete Mosaics Inc. Concrete Texturing Tool & Supply Decorative Concrete Supply Inc. EZChem Inc. HTC Inc. Increte Systems Surface Koatings Inc.
EZChem Inc. Increte Systems Kemiko Decorative and Industrial Coatings / Epmar Corporation The Stamp Store Inc.	Modello Designs Surface Gel Tek The Stamp Store Inc. S	(Soy-based) Chem-Coat S Cohill's Building Specialties S Color Crown Corporation	Strippers — Sealer Remover (Soy-based) Chem-Coat Cohill's Building Specialties
Triple-S Chemicals Stain — Soy-based (see also Color Restoration Coatings)	Butterfield Color Color Crown Corporation Concrete Coatings Inc. Concrete Texturing Tool & Supply S	Concrete Texturing Tool & Supply S Decorative Concrete Supply Inc. S Decorative Construction Supply S Franmar Chemical The Stamp Store Inc. S	Color Crown Corporation Decorative Concrete Supply Inc. Decorative Construction Supply Franmar Chemical Strippers — Sealer Remover (Water-based)
Chem-Coat Rhino Linings Corporation Stain — Water-based Dye	Legacy Decorative Concrete Systems Modello Designs Surface Gel Tek	Strippers — General Purpose Chem-Coat S	EZChem Inc. Surface Scraping —
Ameripolish Architectural Enhancements Brickform Chem-Coat	The Stamp Store Inc. Stencils — Custom Design Services	Cohill's Building Specialties S Color Crown Corporation Concrete Texturing Tool & Supply S Decorative Concrete Supply Inc. S	Machines Color Crown Corporation Surface Scraping — Tools
Concrete Texturing Tool & Supply	Ameripolish Colledi Designs Color Crown Corporation Concrete Coatings Inc.	Decorative Construction Supply S EZChem Inc. Franmar Chemical Increte Systems Superabrasive Inc.	Color Crown Corporation Kut-Rite
Stain — Water-Based Penetrating	Dye-N-Seal Increte Systems Modello Designs	Strippers — Mastic Remover	Tampers (see also Texturing
SureCrete Design Stain Block	Surface Gel Tek	Chem-Coat S Color Crown Corporation	Color Crown Corporation
Ameripolish Concrete Texturing Tool & Supply	Concrete Coatings Inc. Concrete Texturing Tool & Supply S	Decorative Concrete Supply Inc. S Decorative Construction Supply S EZChem Inc. Strippers — Mastic Remover (Soy-based)	Decorative Concrete Supply Inc. S Increte Systems Kraft Tool Co.* The Stamp Store Inc. S Terrazzo — Aggregates
	Decorative Concrete Impressions (DCI) Increte Systems Legacy Decorative Concrete Systems Stencils — Stain Block	Chem-Coat S Cohill's Building Specialties S Color Crown Corporation Concrete Texturing Tool & Supply S	Heritage Glass Inc. Terrazzo — Cove Strips (Plastic)
Stencil-embedding Rollers Butterfield Color	Concrete Texturing Tool & Supply S Stencils — Templates	Decorative Concrete Supply Inc. S Franmar Chemical The Stamp Store Inc. S	Crown Polymers LLC Terrazzo — Epoxy
Color Crown Corporation Concrete Texturing Tool & Supply	(Reusable)	Strippers — Paint Remover	Crown Polymers LLC

Chem-Coat

Colledi Designs

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2009/10 BUYER'S GUIDE

Terrazzo — Systems (see also Overlays)

Crown Polymers LLC

Terrazzo — Tools

CDC Larue Industries Inc. **Midwest Rake Company** WerkMaster

Texture Rollers — **Pattern Finish**

Butterfield Color Color Crown Corporation

Concrete Texturing Tool & Supply S HoverTrowel Inc.

Texture Rollers — **Salt Finish**

Color Crown Corporation Concrete Texturing Tool & Supply S HoverTrowel Inc.

Texture Rollers — **Seamless Texture**

Butterfield Color

Color Crown Corporation

Concrete Texturing Tool & Supply S **Decorative Concrete Impressions (DCI)**

HoverTrowel Inc. The Stamp Store Inc.

Texturing Sprayers

Color Crown Corporation

Concrete Texturing Tool & Supply S **Decorative Construction Supply** S **Increte Systems**

Kraft Tool Co.®

Texturing Tools — **Border Stamps**

Brickform

Butterfield Color

Color Crown Corporation

Concrete Solutions Inc.

Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. S

Decorative Construction Supply

Increte Systems

Legacy Decorative Concrete Systems Something Better Co.

Super Stone Inc.

The Stamp Store Inc.

Texturing Tools — **Company-designed Stamps**

Brickform

Butterfield Color

Colledi Designs

Color Crown Corporation

Concrete Texturing Tool & Supply S **Increte Systems**

The Stamp Store Inc.

Texturing Tools — Custom Design Services

Brickform **Butterfield Color** **Color Crown Corporation**

Concrete Texturing Tool & Supply S **Increte Systems** S

The Stamp Store Inc.

Texturing Tools — Embossing Stamps (Aluminum)

Color Crown Corporation

Concrete Texturing Tool & Supply S **Super Stone Inc.**

Texturing Tools — **Embossing Stamps (Plastic)**

Color Crown Corporation

Concrete Texturing Tool & Supply S **Decorative Construction Supply** S **Increte Systems**

Super Stone Inc.

Texturing Tools — **Hand Tools**

Brickform

Color Crown Corporation

Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. HoverTrowel Inc.

Kraft Tool Co.®

S

Legacy Decorative Concrete Systems Something Better Co.

The Stamp Store Inc.

Texturing Tools — Joint Rollers/Strips

Color Crown Corporation

Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. S Kraft Tool Co.®

Legacy Decorative Concrete Systems The Stamp Store Inc.

Texturing Tools — Pattern Stamps (Concrete)

Brickform

Butterfield Color

Color Crown Corporation

Concrete Solutions Inc.

Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. S

Increte Systems

Kraft Tool Co.®

L.M. Scofield

Legacy Decorative Concrete Systems Something Better Co.

Super Stone Inc.

The Stamp Store Inc.

Texturing Tools — Pattern Stamps (Overlays)

Brickform

Butterfield Color

Color Crown Corporation

Concrete Solutions Inc.

Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. Decorative Construction Supply

Increte Systems Kraft Tool Co.®

Something Better Co.

Super Stone Inc.

The Stamp Store Inc.

Texturing Tools — **Seamless Texture Skins**

Brickform

Butterfield Color

Color Crown Corporation

Concrete Solutions Inc.

Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc.

Decorative Construction Supply Increte Systems

Kraft Tool Co.®

L.M. Scofield

Legacy Decorative Concrete Systems

Super Stone Inc.

The Stamp Store Inc.

Texturing Tools — Tampers

Brickform

Butterfield Color

Color Crown Corporation

Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. S **Decorative Construction Supply**

Increte Systems

Kraft Tool Co.® Legacy Decorative Concrete Systems

Super Stone Inc.

The Stamp Store Inc.

Texturing Tools — **Truncated Dome Stamps**

Brickform

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Butterfield Color

Color Crown Corporation Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. S **Increte Systems**

Legacy Decorative Concrete Systems **Super Stone Inc.**

Texturing Tools — **Vertical Pattern Stamps**

Butterfield Color

Color Crown Corporation

Concrete Texturing Tool & Supply S

Decorative Concrete Supply Inc. Decorative Construction Supply

Increte Systems Trade Shows

Buddy Rhodes Concrete Products S

Chem-Coat

Concrete Coatings Inc.

Decorative Concrete Supply Inc. S

The Concrete Countertop Institute The Stamp Store Inc.

<u>Trailers</u> <u>—</u> Enclosed Cargo

Color Crown Corporation

Training

Ameripolish Brickform

Buddy Rhodes Concrete Products S

Butterfield Color Chem-Coat

S

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CHENG Concrete Cohill's Building Specialties

Concrete Coatings Inc. Concrete Mosaics Inc.

Concrete Solutions Inc. Decorative Concrete Supply Inc. S

Decorative Construction Supply

Elite Crete Systems Engrave-A-Crete Inc.

Legacy Decorative Concrete Systems

Olde World Stone & Tile Molds

Something Better Co. SureCrete Design

Surface Gel Tek

The Concrete Countertop Institute The Stamp Store Inc.

VIC International Corporation

Training Videos — **Business Management**

Color Crown Corporation

Training Videos — **Concrete Countertops**

Buddy Rhodes Concrete Products CHENG Concrete Concrete Countertop Specialties

Concrete Solutions Inc. Crete Molds

Decorative Concrete Supply Inc. S **enCOUNTER**

Something Better Co. Stegmeier LLC

Training Videos — **Concrete Polishing**

Ameripolish enCOUNTER

PowerStar The Stamp Store Inc.

Training Videos — Concrete Stamping/Texturing

Butterfield Color

Cohill's Building Specialties Color Crown Corporation Concrete Solutions Inc.

Decorative Concrete Supply Inc. enCOUNTER

Increte Systems RubberDek **Super Stone Inc.**

The Stamp Store Inc. **Training Videos — Concrete**

Surface Preparation Color Crown Corporation

Superabrasive Inc.

Surface Gel Tek The Stamp Store Inc.

Training Videos — **Engraving**

Engrave-A-Crete Inc.

U	Training Videos — Garage Floor Coatings	
	Cohill's Building Specialties Color Crown Corporation	S
	Concrete Solutions Inc.	S
	Training Videos — Overlayments	
	Color Crown Corporation	
	Concrete Solutions Inc.	S
	Skimstone div of Rudd Company Super Stone Inc.	Inc.
	The Stamp Store Inc.	S
	Training Videos —	

Pool Deck Installation

Color Crown Corporation Stegmeier LLC

Training Videos — **Rock Features**

Color Crown Corporation Something Better Co. The Stamp Store Inc.

Training Videos — **Spanish-English**

Skimstone div of Rudd Company Inc.

Training Videos — **Staining Techniques**

Ameripolish Cohill's Building Specialties S **Color Crown Corporation** S **Concrete Solutions Inc. enCOUNTER Super Stone Inc.** The Stamp Store Inc. S Triple-S Chemicals

Training Videos — **Stenciling Existing Concrete**

Color Crown Corporation Dve-N-Seal Surface Gel Tek The Stamp Store Inc.

Training Videos — **Stenciling New Concrete**

Color Crown Corporation Surface Gel Tek The Stamp Store Inc.

Training Videos — **Vertical Systems**

Color Crown Corporation S The Stamp Store Inc.

Transits, Levels

Concrete Texturing Tool & Supply S

Trowels — Base Tools

Color Crown Corporation Concrete Texturing Tool & Supply S HoverTrowel Inc. Kraft Tool Co.® **Midwest Rake Company**

iroweis —	Bull
Color Crown	Corporation

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Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S HoverTrowel Inc. Kraft Tool Co.® The Stamp Store Inc.

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Trowels — Chamfer Edger

Concrete Texturing Tool & Supply S Kraft Tool Co.®

Trowels — Coving (Inside Radius)

Color Crown Corporation Concrete Texturing Tool & Supply S HoverTrowel Inc. S Kraft Tool Co.® **Midwest Rake Company** S The Stamp Store Inc.

Trowels — Coving (Outside Radius)

Concrete Texturing Tool & Supply S HoverTrowel Inc. S Kraft Tool Co.® **Midwest Rake Company** The Stamp Store Inc. S

Trowels — Darby

Concrete Texturing Tool & Supply S Kraft Tool Co.® S The Stamp Store Inc.

Trowels — Edgers

Color Crown Corporation Concrete Texturing Tool & Supply S Decorative Concrete Supply Inc. S HoverTrowel Inc. Kraft Tool Co.® The Stamp Store Inc. S

Trowels — Finishing Trowels

Color Crown Corporation Concrete Solutions Inc. S Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S HoverTrowel Inc. S Kraft Tool Co.® Marion Brush Mfg Co. Quest Building Products S The Stamp Store Inc. S

Trowels — Fresnos

Color Crown Corporation Concrete Solutions Inc. Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S HoverTrowel Inc. S Kraft Tool Co.® S The Stamp Store Inc.

Trowels — Grooving Tools (Hand)

Color Crown Corporation Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S

Kraft Tool Co.® The Stamp Store Inc.

Trowels — Grooving Tools (Ramps)

Color Crown Corporation Concrete Texturing Tool & Supply S Kraft Tool Co.®

Trowels — Grooving Tools (Walking)

Color Crown Corporation Concrete Texturing Tool & Supply S Kraft Tool Co.® The Stamp Store Inc.

Trowels — Jointers

Color Crown Corporation Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S Kraft Tool Co.® The Stamp Store Inc. S

Trowels — Smoothers

Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** HoverTrowel Inc. Kraft Tool Co.® **Midwest Rake Company** The Stamp Store Inc.

Trowels — Swimming Pool (Long-shank)

Color Crown Corporation Concrete Coatings Inc. Concrete Texturing Tool & Supply S HoverTrowel Inc. Kraft Tool Co.® **Midwest Rake Company Quest Building Products**

Trowels — Swimming Pool (Short-shank)

Color Crown Corporation Concrete Coatings Inc. Concrete Texturing Tool & Supply S HoverTrowel Inc. Kraft Tool Co.® **Midwest Rake Company**

Trowels — Walking Edgers

Color Crown Corporation Concrete Texturing Tool & Supply S Kraft Tool Co.® The Stamp Store Inc.

Trowels — Walking **Groovers**

Concrete Texturing Tool & Supply S Kraft Tool Co.® The Stamp Store Inc.

Underlayment (Selfleveling) — Cementitious

Cohill's Building Specialties Color Crown Corporation Concrete Texturing Tool & Supply S **Decorative Concrete Supply Inc.** S **Increte Systems** W.R. Meadows Inc.

Underlayment (Self-leveling) — Epoxy

Crown Polymers LLC



Vacuums — Dry

CDC Larue Industries Inc. Concrete Texturing Tool & Supply S EDCO & CONTRx Systems **VIC International Corporation** S

Vacuums — Filters (HEPA)

WerkMaster

S

Vacuums — Self-cleaning

CDC Larue Industries Inc. Concrete Texturing Tool & Supply S **Dust Collection Products** Superabrasive Inc. WerkMaster

Vacuums — **Shrouds, Muzzles**

CDC Larue Industries Inc. Concrete Texturing Tool & Supply S **Dust Collection Products** Kut-Rite **Quest Building Products** S S The Stamp Store Inc.

Vacuums — Wet

EDCO & CONTRx Systems

Vacuums — Wet & Dry

Concrete Texturing Tool & Supply S **Decorative Construction Supply Dust Collection Products** S **Quest Building Products**

Vapor Barriers (see also Waterproofing) — Concrete **Surface Polymer**

Concrete Texturing Tool & Supply S **Crown Polymers LLC** Key Resin Co.

Vapor Barriers (see also Waterproofing) — Subgrade Films/Membranes

Concrete Texturing Tool & Supply S

S

Vertical Overlay (Cementitious) — High-build

Architectural Enhancements Butterfield Color

Color Crown Corporation

Concrete Texturing Tool & Supply S
Decorative Construction Supply S
The Stamp Store Inc. S

Vertical Overlay (Cementitious) — Stampable/Carvable

Architectural Enhancements Butterfield Color

Color Crown Corporation

Concrete Texturing Tool & Supply S Decorative Construction Supply S

Elite Crete Systems
Increte Systems

SureCrete Design

The Stamp Store Inc.

Vertical Overlays (Cementitious) — Thin-set

Architectural Enhancements
Color Crown Corporation
Increte Systems

Vertical Overlays (Polymer)

BOLDStone

Color Crown Corporation

Concrete Texturing Tool & Supply S Crown Polymers LLC

Decorative Concrete Impressions (DCI)

Decorative Concrete Supply Inc. S
Decorative Construction Supply S

Mineral Life Int'l Inc.

The Stamp Store Inc.

Vertical Overlays (Polymer)

Vertical Overlays (Polymer) — Thin-set

Architectural Enhancements
Color Crown Corporation
Crown Polymers LLC

Vibratory Equipment — Modular (Electric)

CHENG Concrete

Vinyl Chips (see also Epoxy (Base))

Color Crown Corporation
Concrete Solutions Inc.
Concrete Texturing Tool & Supply
Crown Polymers LLC
Decorative Concrete Supply Inc.
S

Decorative Construction Supply Increte Systems

Key Resin Co.

The Stamp Store Inc. S

W

Wall Forms (see Forms)

Water Drainage Systems (see also Drains)

Stegmeier LLC

The Stamp Store Inc.

Waterproofing Systems/ Membranes

Chem-Coat
Crown Polymers LLC
The Stamp Store Inc.

Waxes — Countertop Maintenance

Buddy Rhodes Concrete Products S
CHENG Concrete S
Cohill's Building Specialties S
Concrete Coatings Inc.
Concrete Solutions Inc.
Concrete Texturing Tool & Supply S
Decorative Concrete Supply Inc.
The Stamp Store Inc.

Waxes — Floor Maintenance

Chem-Coat
Cohill's Building Specialties

Concrete Coatings Inc.
Concrete Solutions Inc.
Concrete Texturing Tool & Supply S
Decorative Concrete Supply Inc.
EZChem Inc.
Increte Systems
Kemiko Decorative and Industrial

S

PowerStar The Stamp Store Inc.

Coatings / Epmar Corporation

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Zip Strip (see also Control Joints)

Concrete Texturing Tool & Supply S



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Concrete Marketplace





























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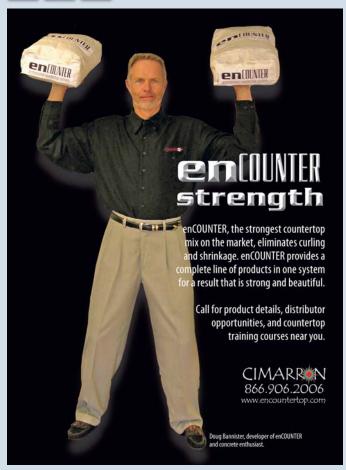








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■■■Final Pour



Ranger Tables

After serving in Vietnam during 1967 and 1968, Rick Ogden lost contact with nearly all of his fellow soldiers.

But more recently, Ogden has not only rediscovered old friends from his company, but also changed the mind of a few concrete skeptics.

It started when Ogden, owner of Rick Ogden Construction in Pryor, Okla., told one of his old buddies that he would create a concrete table for him. featuring their company's insignia.

"When you tell people you're going to make a concrete table they say, 'Oh, well great." Ogden says.

However, after pictures of the table were posted online, other veterans contacted him to say they wanted tables of their own — whether they served with him or not.

"Since that time I have been making these tables for the guys that I was in Vietnam with that were in my unit, and

some guys I didn't know," he says.

Each table is customized with the recipient's company insignia. During Ogden's service, his unit was known as the E Company 20th Infantry Long Range Patrol. However, its name was changed to C Company 75th Infantry Airborne Rangers the year after he was discharged.

Ogden has made 16 tables in all, each free of charge, and is in the process of creating another one for the Ranger Hall of Fame at Fort Benning, Ga. Each table is 2 inches thick, 33 inches in diameter, and weighs 125 pounds with its base. Ogden uses Surface Gel Tek to create the logos. The tables are topped with either epoxy or polyurea, depending on if they will be displayed inside or outside.

Ogden also sands and buffs each table. "Number one, it makes them smooth like marble, and number two, they are a little more scratch-resistant," he says.

Although Ogden has certainly gotten a lot of joy out of creating the tables, the most rewarding part for him is reuniting and sharing experiences with his acquaintances. He has gone all over the country to personally deliver the tables.

"It's nice ... to reacquaint with and meet guys I didn't know that had an equal or similar experience," he says. "It has been a soul-fulfilling deal for me. In taking these tables to these very real combat heroes, I have seen a look in each and every one of these men's eyes that exposed the pain that they have suffered but also the integrity of their experiences. Without my decorative concrete skills, this awakening experience would not have happened."

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