

Special Products & Practice Showcase

Decorative Concrete



L.M. SCOFIELD

The versatile Lithochrome® Chemstain® Classic adds beautiful translucent special effects to concrete. This ready-to-use, reactive, penetrating concrete stain produces unique, permanent, sophisticated-looking concrete color effects. It penetrates and permanently stains new or existing concrete and cementitious toppings and wears only as the concrete wears. Multiple applications of concrete stain can intensify colors, and infinite effects can be achieved by either layering the stain colors or applying the stains over other Scofield coloring systems or colored cementitious toppings. It's ideal for creating an antique, mottled, variegated patina for exterior hardscapes, interior floors, or artificial rock and water features. It's VOC-free and meets stringent air quality management regulations. For best results on worn or weathered concrete, Lithochrome Chemstain Enhancer should be used. Chemstain Enhancer replaces some of the chemicals in concrete that are lost due to weathering, and helps facilitate a more efficient chemical stain reaction.

—L.M. Scofield

www.scofield.com



BASF

To help concrete producers and contractors better understand how color choices impact the absorption and emissivity of solar radiation, the Admixture Systems business of BASF offers a list of Solar Reflectance Index (SRI) values for concrete produced with its Rheocolor® L liquid-coloring admixtures product line. SRI incorporates both solar reflectance and emittance in a single value to represent a material's surface temperature when exposed to full sun. SRI values are calculated using equations based on previously measured values of solar reflectance and emittance as laid out in ASTM E1980. SRI values vary from 100 for a standard white surface to 0 for a standard black surface. Using concrete with higher SRI values can help producers and contractors implement sustainable construction programs. Pavements with SRI values of at least 29 can help earn LEED points. Twenty-seven BASF colors provide SRI values of more than 29 when used in decorative concrete mixtures made with medium gray cement and water-cement ratios of 0.45 to 0.50.

—BASF

www.basf-admixtures.com

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BUTTERFIELD COLOR

Butterfield Color's stamping tools have been designed and precision manufactured to exceed the expectations of the decorative concrete finisher and specifier. Each stamping tool is molded from natural stones, actual bricks, or real wood planks. The tools are designed to minimize repetition, surface cracking, and blowouts along grout lines. They produce extremely realistic and natural-looking installations while reducing touch-up time and increasing production capabilities. Custom and theme stamps can also be developed.

—Butterfield Color
www.butterfieldcolor.com



VERSATILE BUILDING PRODUCTS

Roll On Rock® provides a multicolored appearance while protecting concrete floors from damage caused by hot tires, salt, oil, gas, and other chemicals that commonly stain concrete floors. A new 100% Polyaspartic Clear Topcoat with 72% solids offers customers a less expensive high-end topcoat. This next generation polyaspartic coating provides walk-on times of 2 hours, and it has up to four times more abrasion resistance. It has a potlife of more than 45 minutes, providing plenty of time to apply an even coat over the floor surface, and it can be installed at temperatures ranging from 30 to 100°F (-1 to 38°C). When used with 4195 "Wicking Epoxy," a finished floor can be completed in a few hours.

—Versatile Building Products
www.garagecoatings.com



SPECIALTY CONCRETE PRODUCTS, INC.

The Chrome-Etch Acid Stain System creates soft, variegated, earth-tone color shades on cured concrete surfaces and overlays, resembling the look of natural stones and patinas. Available in 12 unique colors, the stains create strikingly rich color effects that highlight the finish and texture of plain, imprinted, or resurfaced concrete. In new construction, the concrete can be colored with Chrome-Hard Color Hardener or Chrome-Crete Integral Colors and then acid stained to produce a wider range of color shades. The ingredients in the acid stains react with the minerals in the concrete surface to produce marbled, uneven color variations that don't fade, chip, or peel from the surface. Ideal for interior floors, Chrome-Etch surfaces can be waxed for high gloss, slip resistance, and easy maintenance.

—Specialty Concrete Products, Inc.
www.scpusa.com

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INCRETE SYSTEMS

Thin-Crete™ Tintable Stamped Overlay Grout is an eco-friendly, single-component grout that mixes with water and is the same reliable and durable Thin-Crete formula that's been a long-standing favorite of contractors for rejuvenating unsightly concrete with the look of natural stone, slate, brick, granite, and wood.



Thin-Crete Color-Packs are available in a spectrum of 30 standard colors and come premeasured for convenient addition directly to the grout base when mixing. Colors are computer formulated and produced to provide consistent color every time. Thin-Crete Stamped Overlay Grout is available precolored for large orders as well as in custom colors and custom color packs.

—Increte Systems
www.increte.com

ARTCRETE, INC.

Faux Brick stencils offer the opportunity to impart realistic brick, stone, and tile patterns on concrete flatwork and



precast wall panels. The stencils are used along with dry-shake color hardener and can include surface-formed texture with the use of a release agent and texture roller or seamless mat. The stencils are cut from a specialty paper that possesses superior tensile strength and is chemically treated for use in wet concrete. An adhesive version is also available for use with coatings on concrete flatwork or vertical surfaces, with a specially formulated adhesive backing that provides the proper amount of adherence to the surface while still allowing for a clean release. The stencils are used one time and are placed over the entire area for continuous color hardener or coating application. Twenty-one standard patterns are available and custom designs can be produced for large projects.

—Artcrete, Inc.
www.artcrete.com

FOSSILCRETE

The Fossilcrete Vertical Concrete Texturing System is a patent-pending, custom, lightweight concrete material that can be applied vertically or overhead up to 2-1/2 in. (63 mm) thick; typical applications



usually range from 1/2 to 3/4 in. (13 to 19 mm) thick. The system consists of a custom lightweight concrete mixture, Vertibond polymer, specially designed vertical stamps, pattern tools, and Nature's Palette coloring system. The Fossilcrete system can be used as a trowel-on or sprayed wall coating on various types of surfaces, including insulating concrete forms, steel buildings, OSB/plywood, wire lathe, stucco mesh, cement block, tile, adobe, concrete walls, sculptures and murals, showers, and water features.

—Fossilcrete
www.fossilcrete.com



SIKA CORP.

SikaMix AE-3 is a unique high-performance efflorescence-reducing and water-repelling admixture for dry cast concrete products. At low dosages, this innovative product provides superior performance in terms of water repellency and reduction of primary and secondary efflorescence. It also helps increase productivity and improve durability, life expectancy, and color vibrancy. SikaMix AE-3 can be used in the production of dry cast concrete products such as concrete masonry units, pavers, segmental retaining walls, and decorative items for garden and landscape design.

—Sika Corp.
www.sikaconstruction.com