Products & Products CTICE_

Rollgliss R520 Escape System

The fully automatic and hands-free Rollgliss™ R520 Escape System provides a quick means of evacuation from elevated work surfaces, such as bucket trucks, aerial lifts, towers, and cranes. It operates automatically, requiring minimal training, and serves as a more efficient alternative to manual descent systems. Its integrated rope ears allow for a controlled descent and dual redundant brakes offer added security. The system has been tested to meet applicable OSHA, ANSI, and CSA industry standards.

—Capital Safety, www.capitalsafety.com





GraniteLook Kit

Concrete Coatings released the GraniteLook™ Kit to help contractors and homeowners reduce costs associated with the GraniteLook Faux Granite system. Each kit includes enough material to surface 60 ft² (5.6 m²) of countertops or floors and comes with seven C-Series[™] Liquid Colorants, which can be used in many combinations to create various effects, including light and dark granite. The kits make it easier for contractors to use the system, as fewer components need to be purchased.

-Concrete Coatings, Inc., www.concrete coatingsinc.com/granitelook

Deco-Strip

Deco-Strip combines a blend of powerful, biodegradable solvents and surfactants designed to quickly penetrate and soften decorative concrete acrylic sealers and coatings, allowing for their complete removal. Instead of scraping or scrubbing, a powerwasher can be used to remove sealers and restore decorative concrete to its original appearance. The environmentally friendly solution can be applied with a hand pump or airless sprayer and works in 40 minutes or less.

—Nox-Crete Products Group, www.nox-crete.com

LevelFlor Revamps Disney Resort Floors

After 40 years, the floors in the bathrooms of 162 rooms in Disney's Polynesian Resort, Orlando, FL, needed to be replaced. The resort was originally built using steel modules, and the spaces between the modules were later filled with concrete. Voids remained below the steel floors, however. The contractor for the project, Cornerstone Construction, chose to use Rapid Set® LevelFlor®, an advanced hydraulic cementbased self-leveling underlayment. LevelFlor rapidly levels, maintains workability for 30 minutes, and can accept foot traffic in as little as 4 hours.

-CTS Cement, www.ctscement.com

Products & Practice

Wirtgen Slipform Paver SP 25i with AutoPilot Field Rover

The new SP 25i slipform paver, when combined with AutoPilot Field Rover software, allows for precision construction without the use of stringlines. AutoPilot Field Rover, which received the bauma Innovation Award for 2013, creates a virtual stringline based on measuring points recorded by the Field Rover device, and AutoPilot uses the data to guide the paver. Even without the AutoPilot, the SP 25i features very accurate steering and is easy to operate. AutoPilot Field Rover comes automatically with the SP 25i, as well as with the SP 15, SP 15i, and SP 25 slipform pavers, and can be retrofitted to older machines.

-Wirtgen GmbH, www.wirtgen.com





SlabSkis

SlabSkis were developed at the request of concrete contractors as a means to minimize the effort involved in detail finishing on concrete slabs. SlabSkis are manufactured from lightweight sandwich panels. The curve on the front and the upward flare on the back make it easy to walk forward or back up without marring the finish. Their length allows the user to kneel down for detail finishing or stand up to quickly walk around the slab surface. The light weight, foam padding, and curved shape improve the ergonomics for the end user, reducing strain and frustration compared with conventional kneeboards.

—Fulcrum Composites, **www.fulcrumcomposites. com**

Loxon Conditioner

Loxon® Conditioner is a patented acrylic formula that offers exceptional resistance to alkalis, enhanced efflorescence resistance, strong adhesion, and a fast cure time. It serves as a masonry sealer and conditioner and assures topcoat adhesion. It will also bond dusting concrete, and is useful where an existing topcoat has deteriorated or as a sealer for new construction. Loxon Conditioner is available in clear or white, has a temperature tolerance as low as 40°F (4°C), and its fast cure time allows new surfaces to be coated with a 7-day cure.

—Sherwin-Williams, www.sherwin-williams.com

PENETRON ADMIX Enhanced Shotcrete

PENETRON ADMIX Enhanced Shotcrete (PAES) is used to waterproof a shotcrete matrix. It reacts with water and the various mineral compounds present in the mixtures to form an insoluble, crystalline structure that seals pores, capillaries, and cracks in shotcrete. PAES remains active in the concrete, responding to any moisture present. It is ideal for shotcrete used in tunnels, hydraulic conduits, dams, and open canals. It has already been used around Europe and the United States for tunnels, parking garages, tanks, and drainage structures.

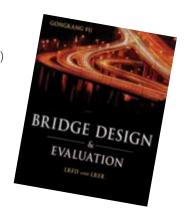
—The PENETRON Group, www.penetron.com

Products & Practice

Book Notes

Bridge Design & Evaluation: LRFD and LRFR by Gongkang Fu

Load and resistance factor design (LRFD) and load and resistance factor rating (LRFR) are design and evaluation methods that have replaced or offer alternatives to traditional methods for U.S. highway bridges. *Bridge Design & Evaluation* covers complete bridge systems (substructure and superstructure) in one package. It presents real-world bridge examples demonstrating both their design and evaluation using LRFD and LRFR. Designed for a 3- to 4-credit undergraduate or graduate-level course, it presents the fundamentals. Important features include photographs, figures, and design and evaluation examples for real bridges, and numerous exercise problems. *Bridge Design & Evaluation* is an up-to-date and inclusive introduction available for students in civil engineering specializing in structural and transportation engineering.



Wiley, website: www.wiley.com

price: \$125; 456 pp.; ISBN: 9780470422250

Web Notes

White Cap Relaunches Website

HD Supply White Cap Construction relaunched its website in conjunction with World of Concrete in February 2013. The new website allows customers to order more than 15,000 products online for delivery or will-call pickup at their local White Cap branch. Customers will also be able to create an online account, giving them access to trade pricing and allowing them to create reorder lists. The redesign and new features are part of White Cap's continued focus on personal service and providing for their customers.

—HD Supply White Cap, www.whitecap.com

Products & Service Literature & Videos

ASTM Releases Compilation of Standards for Surface Preparation

ASTM International released a new compilation, ASTM Standards for Surface Preparation, on CD-ROM. This compilation provides the latest research, standards, and testing protocols for the surface preparation community. It contains information on surface preparation for flooring and coating of walls, including several types of surfaces, both commercial and industrial. The 100 standards included in the publication were developed by ASTM International Committees C09, Concrete and Concrete Aggregates; D01, Paint and Related Coatings, Materials, and Applications; D33, Protective Coatings for Power Generation Facilities; and F06, Resilient Floor Coverings. The compilation is available on the ASTM website for \$99 USD.

—ASTM International, www.astm.org

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