EZ-Stop Lanyard

The EZ-Stop Lanyard is the first modular lanyard designed with components that can be replaced individually when worn or damaged, rather than having to purchase an entire new unit. It features a patented, one-handed quick-connect design to allow users to change pieces easily to accommodate the necessary job requirements. Its shock pack is small and light, and it comes with 3/4 in. (19 mm) webbing to minimize weight and bulk. The lanyard also has updated reinforcing bar hooks with a locking nose design and a dual-action 3600 lb (1600 kg) gate.

—Capital Safety, www.capitalsafety.com

Giatec RCON and iCOR

As opposed to waiting weeks or months for laboratory-based test results, Giatec Scientific’s instruments perform accurate assessments of concrete infrastructure in as little as 5 seconds. Employing technology based on electrical resistivity measurements, the devices analyze the data using algorithms that can detect problems and predict the rate of future deterioration. The RCON™ is a nondestructive device for measuring the electrical resistivity of specimens in the laboratory—for example, those used in compressive strength tests—without any additional sample preparations. The iCOR™ analyzes several parameters from a concrete surface to determine the rate of corrosion.

—Giatec Scientific, www.giatec.ca

DWV012 Dust Extractor Vacuum

DEWALT’S DWV012 Dust Extractor Vacuum was designed to provide dust control solutions for concrete grinding, cutting, and drilling applications. It meets the EPA Lead Related Renovations, Repair, and Painting Rule for HEPA vacuums when used with DWV930 HEPA filters. The DWV012 has continuous auto filter cleaning, which means that every 30 seconds, one of the filters is backflushed with air to remove dust and maintain suction until the tank is full. It also features a tool activation setting that starts the vacuum when a user turns on a connected tool.

—DEWALT®, www.dewalt.com

Proguard Duracover

Proguard Duracover is a multi-ply, textured membrane laminated with nonwoven polypropylene geotextile, creating a tough, durable cover for interior flooring during construction. Available in 150 ft (46 m) rolls, it protects concrete from construction traffic, equipment, dust, and oil- and petroleum-based and high-pH compounds. It can be installed 72 hours after a floor is placed, and either before or after a decorative finish is applied. The cover is easily removed at project completion and requires minimal cleanup.

LXPH03 Hammer Driver-Drill

An addition to Makita’s line of 18V lithium ion cordless tools, the LXPH03 1/2 in. (13 mm) Hammer Driver-Drill delivers 750 lb·in. (85 N·m) of max torque and more speed than earlier models while weighing less. It has 21 clutch settings for optimal fastening torque control, and an all-metal 1/2 in. (13 mm) ratcheting chuck for improved bit retention. Dual LED lights help illuminate the work surface. It also features Makita Extreme Protection Technology, a protective seal inside the tool engineered to channel water and dust away from key internal components.

—Makita, www.makitausa.com

T-form Insulated Concrete Form

Reward Wall Systems’ latest addition to their iForm line of insulated concrete forms is the 13 in. (330 mm) T-form. This form eliminates job-site modifications needed to make perpendicular walls and creates an easier solution for partition and demising walls, above- and below-grade. It features an 8 in. (200 mm) concrete core, is available in both long- and short-return style, has tie spacing of 6 in. (150 mm) on center, and is reversible.


New PERI System in Use for Panama Canal Expansion

The expansion of the Panama Canal, expected to be completed near the end of 2014, will nearly double the canal’s capacity. The project involves the construction of new lock systems on both the Atlantic and Pacific coasts. Each lock complex is 1.1 mile (1.8 km) long, and the whole project will require approximately 8.6 million yd³ (6.6 million m³) of concrete. To properly fulfill the needs of this project—the largest single order in company history—PERI is employing an international team of engineers to create the ideal solution. An essential element of this solution is the new Single-sided Climbing System (SCS), which can be used for the construction of dams, sluices, tunnels, and more. The modular system can be adapted to suit the geometry of the structure, and work platforms can tilt up to 30 degrees to accommodate worker safety on slanted structural levels. For this project, the SCS 250 is being used, featuring an 8 ft (2.5 m) wide platform and a retraction distance of 24 in. (600 mm). Products also being used for canal construction include the VARIO girder wall formwork, TRIO panel formwork, and PERI UP modular scaffolding.

—PERI GmbH, www.peri.de

Information on the items reported in “Products & Practice” is furnished by the product manufacturers, suppliers, or developers who are responsible for the accuracy of the information. Also, the descriptions of these items do not represent endorsement by this magazine, by the American Concrete Institute, or any of its staff. They are published here simply as a service to our readers.
Major Updates to Corrosion Analysis Network

ASTM International and NACE International recently announced the launch of the new and enhanced version of the Corrosion Analysis Network (CAN) website. CAN is the most comprehensive online source for researching corrosion-related problems. It now has more user-friendly features, including simplified navigation and improved searching and filtering. Also new to the site are an enhanced database of materials performance data; a searchable repository of corrosion images, videos, and events; a related content engine to extend search results; and over 17,000 proceedings, articles, standards, and reports contributed by NACE International, ASM International, and ASTM International. The updated network addresses almost every aspect of corrosion that technical personnel would need to know, and it allows users to quickly find documents with the assurance that the information is accurate and reliable. Visit CAN online at www.corrosionanalysisnetwork.org.


Simpson Strong-Tie Literature Library App

Simpson Strong-Tie launched their new Literature Library mobile app, providing customers with a quick and easy way to view and search their most popular product catalogs on the go. The app allows users to review several current catalogs, including the Anchoring & Fastening Systems for Concrete and Masonry Catalog. Each catalog is fully searchable by keyword or product name, number, or description. The app includes an interactive table of contents that gives users easy access to product pages, and customers can zoom in on drawings and tables to view details. The app is available for iPhone, iPad, and Android devices. For more on this and other Simpson Strong-Tie apps, visit www.strongtie.com/apps.

—Simpson Strong-Tie, www.strongtie.com

LIME: Building the 100-Year Legacy of ASTM Committee C07

ASTM International Committee C07, Lime, has released the compilation, LIME: Building the 100-Year Legacy of the ASTM Committee C07, in celebration of its 100th anniversary. The book includes 16 peer-reviewed papers, covering such topics as historical standards development, current industry activities, and potential areas for future work. Several papers present the more traditional uses of lime in asphalt, soil stabilization, and paper manufacturing. Other topics include updates on common test methods for X-ray fluorescence spectrometry and free moisture; environmental applications of lime and limestone; pore size and pore volume measurement; and the industry’s move toward zero-waste.

ASTM International, website: www.astm.org


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