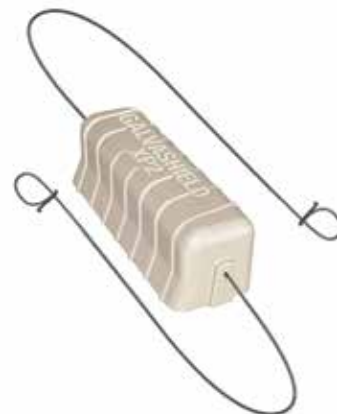


Products & Practice

Vector Redesigned Galvashield XP Product Line

Vector Corrosion Technologies redesigned their Galvashield® XP product line. These alkali-activated galvanic anodes are designed to be connected to the reinforcing steel in concrete repairs or new concrete construction. In repairs, they mitigate the formation of ring anode corrosion in the surrounding chloride-contaminated concrete. In new construction, they delay the initiation of corrosion. Unique features include a low-profile, elongated shape that fits neatly alongside reinforcing steel and single-wire One-and-Done™ reinforcing bar connection for fast installation. The Galvashield XP4 and XP2 models have the Barfit™ grooved design for secure anode placement and CSP-3 surface profile to promote a mechanical bond with the surrounding repair materials.

—Vector Corrosion Technologies, www.vector-corrosion.com



Penetron SURFIX DFS

SURFIX™ DFS is a fast-setting cementitious compound used for areas where fast repairs to concrete surfaces are necessary and the surface must be put back into service promptly. It provides high early strength—over 2000 psi (13.8 MPa) in 1 hour. SURFIX DFS is well suited to use in concrete pavements, bridge decks, parking garages, and warehouse floors, particularly in areas that are exposed to cold temperatures. It is a one-component product that requires only the addition of clean water—no need for primers or liquid activators. Without aggregate additions, it can be applied in thicknesses ranging from 1/2 to 2 in. (13 to 51 mm). It can also be extended with aggregate for thicker repairs.

—Penetron Specialty Products, www.penetronsp.com

TrueLook 4K Indoor Camera with Cellular Capability

Construction camera company TrueLook offers a 4K indoor camera with a built-in 4G LTE cellular modem. Features of the cellular 4K indoor construction camera include ultra HD resolution and a horizontal field of view of 109 degrees. TrueLook also offers a version of the 4K indoor camera that uses on-site internet. These cameras operate in temperatures ranging from 22 to 122°F (−6 to 50°C).

—TrueLook, www.truelook.com



AIRMATIC KODI KLIPPER GUN and K-KLIPS

The KODI KLIPPER GUN is a compact, lightweight product used to make reinforcing bar connections. By replacing manual hand-tying of reinforcing bar, it saves time, makes more secure connections, and improves worker safety. The KODI KLIPPER GUN is used to apply KODI KLIPS (K-KLIPS), which are made from recycled polycarbonate resin. Because they won't rust or degrade, they may be used in even harsh environments, such as marine applications. K-KLIPS are color-coded according to size for quick and easy identification, and they provide a four-way grip that is tight and secure. Versatile, they may be used to grip cross, parallel, or vertical reinforcing bar connections.

—AIRMATIC, www.airmatic.com

Products & Practice

James Instruments ASR-Detect

ASR-Detect™ is a field test to determine the presence of alkali-silica reactive (ASR) gel in hardened concrete. The test can be carried out on site and requires no special equipment. Two environmentally safe reagents are applied to the broken surface of a concrete core, and excess reagent is rinsed off. The presence of ASR gel is indicated by stains that are clearly visible even before the treated sample dries, so a complete diagnosis is possible in less than 5 minutes. In addition to the reagents, the ASR 3000 test kit contains 250 mL (8.5 fl oz) of distilled water, two dispensing pipettes, a pair of protective gloves, a pair of protective goggles, an apron, and a carrying case.

—James Instruments, www.ndtjames.com



ABC Polymer FiberForce Acubatch Fiber Dispenser

ABC Polymer's FiberForce Acubatch Fiber Dispenser™ enhances quality assurance, prioritizes safety, and increases productivity. With AcuBatch, batches can be properly weighed, marked, and dispensed, eliminating balling or nesting of fibers. Operators do not have to manually load the product, improving safety. The Acubatch Fiber Dispenser increases productivity through an automated delivery system that dispenses fibers directly to the truck while batching at the ready mixed plant.

—ABC Polymer Industries, www.abcpolymerindustries.com

Micro-Epsilon thermoMETER CT Series

Micro-Epsilon's thermoMETER CT series of infrared (IR) temperature sensors are reliable and can provide fast scanning along a production line. The IR sensors can take temperature measurements from -50 to 975°C (-58 to 1787°F), with a spectral range of 8 to 14 μm. The sensors are compact and can provide analog or digital output via a separate controller.

—Micro-Epsilon, www.micro-epsilon.com

—Hoskin Scientific, www.hoskin.ca



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FallTech UniDrive

UniDrive is a rescue and descent device designed for use in at-height worksite conditions, including elevated floors and cranes. It features overhead anchoring and personal sternal attachment for self- and assisted-rescue operations. Lifting power is provided through a hand wheel, telescoping ratchet, or power drill modes. UniDrive's bidirectional design provides smooth shuttle operation, and the device is equipped with centrifugal force brakes to ensure a safe, constant descent speed. Lightweight forged aluminum connectors help to minimize overall weight. UniDrive is available as a kit with a carrying bag or in a sealed barrel.

—FallTech, www.falltech.com

Web Notes

NTEA Vehicle Life Cycle Cost Tool

NTEA, the association for the work truck industry, launched its Vehicle Life Cycle Cost Tool that enables users to evaluate multiple strategic or operational alternatives for truck fleets. Designed to be flexible and user-friendly, this cloud-based resource enables fleet managers and sales representatives to load differing depreciation methodologies (such as straight-line, accelerated, and pool depreciation techniques), fuel types, and regional fuel prices to fit the necessary truck or fleet analysis. Users can also incorporate the impact of income taxes into business decisions and perform what-if scenarios. This tool is a free NTEA member benefit (login required)—not available for public purchase. Association members are encouraged to set up login credentials by creating an account if they haven't already. Learn more about accessing this resource at www.ntea.com/lifecycle.

—NTEA, www.ntea.com

Products & Service Literature & Videos

BASF “On the Job” Application Videos

Application technique videos for an assortment of Master Builders Solutions brand products including joint sealants, wall coatings, sealers, and primers are available through the BASF website. With each video lasting two minutes or less, these tutorials can easily be viewed on a jobsite through a smartphone. All videos are available in English, with many also available in Spanish and French. To view the videos, visit www.master-builders-solutions.basf.us/en-us/about-us/news/on-the-job-application-videos.

—BASF Master Builders Solutions, www.master-builders-solutions.basf.com

Book Notes

***Atlas of Brutalist Architecture* by the Phaidon Editors**

The *Atlas of Brutalist Architecture*, published by Phaidon, examines brutalism by looking at over 850 buildings, both extant and demolished. A key is provided to inform readers of the condition, use, and status of each building. The atlas features 1000 duotone photographs that bring brutalism to life, and it discusses both twentieth-century and contemporary architects working in the style. Organized into nine geographic regions and spanning more than 100 countries, this book samples brutalist buildings from across the globe.

\$150; 560 pp.; ISBN 9780714875668

—Phaidon, www.phaidon.com