

FARO Blink

FARO® Technologies has announced a three-dimensional (3-D) reality capture solution, FARO Blink. A software-driven solution, Blink combines visualization with automated workflows through the FARO Sphere® XG Digital Reality Platform, all while ensuring intuitive operation to unlock quicker and more valuable insights. The new reality capture solution delivers quality visualization and streamlined workflows for designers, builders, surveyors, and operators. Its modern design and functionality allow teams to capture, view, and share data, facilitating smoother project progress. With the introduction of Blink, FARO is working to equip the construction, real estate, and geospatial markets with a new tool designed to streamline data processing and analysis for everyone, from project managers and surveyors to 3-D scanning service providers. FARO Blink is now available in all regions.

—FARO Technologies, Inc., www.faro.com



MCI-2061 and MCI-2062

MCI®-2061 is a biological-based cleaner designed for stains on concrete, asphalt, and other hard surfaces. It combines biodegradable surfactants with special microorganisms that target and degrade hydrocarbons even after the surface has been rinsed. These microbes degrade a wide range of hydrocarbons, including gasoline, diesel, crude oil, benzene, toluene, ethyl benzene, and xylene, making them a great tool for cleaning areas that vehicles frequent. MCI-2062 is a cleaner with a bio-enzymatic blend containing biodegradable surfactants to lift and disperse waste while enzymes work to speed up digestion, and spores germinate into active waste-degrading microorganisms. MCI-2061 and MCI-2062 should be diluted with water before spraying or pouring onto the soiled surface and working into the concrete with a brush. The area should be left to sit for 1 minute to an hour before rinsing with water. Residual microbial cleaning action will continue over time on the treated surface and in downstream wastewater.

—Cortec Corporation, www.cortecmci.com

Strong-Bolt 2 Wedge Anchor

Simpson Strong-Tie now offers its Strong-Bolt® 2 wedge anchor in fully assembled packaging. It comes with the stud, nut, and washer preassembled in one package, saving installers time and eliminating lost pieces. Code listed for cracked and uncracked concrete and masonry applications, the Strong-Bolt 2 wedge-type expansion anchor provides high performance—even in seismic and high-wind conditions. It features dual undercutting embossments on each clip segment to enable secondary expansion should a crack form and intersect the anchor location, increasing the ability of Strong-Bolt 2 to carry the load if the hole expands. The wedge anchor has a chamfered top to prevent mushrooming during installation and is suitable for horizontal, vertical, and overhead applications. The Strong-Bolt 2 anchor is available in carbon steel with a zinc-plated or mechanically galvanized finish, or in Grade 304 and Grade 316 stainless steel. It comes in American National Standards Institute (ANSI) fractional sizes to fit standard fixtures and installs with common drill bit and tool sizes.

—Simpson Strong-Tie Company, Inc., www.strongtie.com



Products & Practice

Chryso Quad

Chryso®Quad™ is a solution for extending the use of challenging, complex aggregates while maintaining concrete quality. The Quad line of products enhances concrete performance and supports a circular economy approach. Quad uses locally sourced aggregates to minimize environmental impact and reduce production costs. It adapts to complex aggregates, such as harsh manufactured sands or those with lower gradation, ensuring high-performance concrete. This solution also reduces procurement costs and carbon footprint by leveraging locally sourced aggregates and deconstruction site materials. Quad is a part of Chryso's upcoming Circular Economy Program. This initiative expands on the company's "Curbing CO₂ at the Source" program, focusing on sustainability through actionable insights.

—Chryso, www.chryso.com

Milwaukee SHOCKWAVE Impact Duty Driver Bits and Bit Holders

Milwaukee® introduced the SHOCKWAVE™ Impact Duty Driver Bits and Bit Holders. Designed for use with impact drivers and drill drivers, this new line of bits features enhanced fitment, an upgraded Wear Guard™ Tip, and optimized SHOCKZONE™ for a better driving experience. The SHOCKWAVE Impact Duty Driver Bits showcase upgraded tip geometry, providing users with less stripping of screws on the jobsite. The long-lasting Wear Guard Tip protects the fit over the life of the bit, delivering improved performance. Featuring over 50 unique SHOCKZONE shanks, customized per tip type, users can see greater durability across driving applications. Milwaukee also introduced the new SHOCKWAVE Impact Duty 3 and 6 in. (76 and 152 mm) Screw-Holding Bit Holders, designed to securely hold screws for easy one-handed fastening. The bit holders directly engage screws when the outer sleeve is slid up. The screw is held to the bit holder by a ring magnet on the front of the sleeve, allowing for easier driving. Both bit holders feature an optimized SHOCKZONE shank that absorbs peak torque and prevents breaking.

—Milwaukee Tool, www.milwaukeetool.com



Kubota KX040-5

Kubota Tractor Corporation introduced the KX040-5 compact excavator. The KX040-5 has a digging depth of 11.2 ft (3.4 m) and a bucket breakout force of 9397 lb (42 kN). The improved hydraulic system uses engine horsepower to its fullest extent, allowing the flow rate to be increased for optimal performance while using a hydraulic attachment and operating other functions of the KX040-5 simultaneously. With three dozer blade options available—straight, angle, and 6-in-1—in either rollover protection structure (ROPS) or cab configurations, the KX040-5 provides versatility for a variety of applications. The KX040-5 is available with a standard AUX1 and optional AUX2 auxiliary circuits, with the thumb-operated switch on the joystick allowing for easy proportional flow control of the auxiliary circuit, while a forefinger-operated on/off switch enables simple operation of applications that require a constant flow of oil. KubotaNOW telematics is pre-installed, allowing operators to monitor accumulated hours, fuel level, and location directly from the KubotaNOW app. The KX040-5 is also equipped with LED work lights that include a turn-off delay, allowing operators to leave the jobsite under illumination.

—Kubota Tractor Corporation, www.kubotausa.com



DICA LevelRight Expansion

DICA expanded its LevelRight Outrigger Pad product line. First introduced in 2024, the LevelRight Outrigger Pad is now available in four sizes—12, 24, 30, and 35 in. (305, 610, 762, and 889 mm)—and is designed to maintain the same high standards of durability, ease of use, and safety. With the ability to adjust angles up to 10 degrees in multiple planes and support rated capacities of up to 350,000 lb (158,757 kg), the expanded line continues to provide operators with an efficient and reliable solution for achieving a safe and level setup on challenging terrain. LevelRight is made from DICA's SafetyTech material and features its proprietary SafetyTexturing for enhanced grip. The built-in bubble level ensures precise adjustment, and the expanded sizes can accommodate larger outrigger floats and other specialized equipment requirements. LevelRight can also be used as a base for DICA's ProStack Cribbing Blocks to provide extra height while ensuring the cribbing setup remains level.

—DICA, <https://dicausa.com>



BeamLock Premium Anchor

FallTech® launched the BeamLock™ Premium Anchor. Engineered to provide secure anchorage at height, the BeamLock offers a reliable attachment to a variety of beams. Constructed from lightweight, durable aluminum, it offers the strength of traditional steel options with easier, more practical installation. The BeamLock supports a wide range of beam sizes. It features a sliding adjustment for beam flanges ranging from 4 to 14 in. (102 to 356 mm). An easy-to-access push-button mechanism makes installing and removing the anchor simple at any orientation, whether it is used overhead or at foot level. The BeamLock includes short- and long-size replaceable composite slider pads for the anchor's clamping jaws. These pads prevent metal-on-metal contact between the clamp and beam, ensuring frictionless movement in trailing applications. The integrated 360-degree swivel D-ring prevents binding, reduces wear on connected devices, and extends the product's service life. BeamLock Premium Anchor complies with North American safety standards, including those defined in American National Standards Institute/American Society of Safety Engineers (ANSI/ASSE) Z359.18-2017, Occupational Safety and Health Administration (OSHA) 1910.140 and 1926.502, and Canadian Standards Association (CSA) Z359.15-2017.

—FallTech, www.falltech.com

Web Notes



JLG Industries' New Website

JLG Industries launched its redesigned corporate website, JLG.com. The site's navigation has been restructured to improve wayfinding, enabling users to quickly access essential resources like manuals, building information modeling (BIM) files, spec sheets, and brochures. A consolidated site search allows seamless browsing across JLG.com and Online Express, the company's e-commerce platform. A new feature connects product specifications with additional offerings such as training, parts purchasing, troubleshooting, and accessories. These hubs offer a holistic view of each machine, making it easier for customers to access relevant resources in one place. A new "Equipment Selector" tool helps users identify the right machine for their job application by providing personalized recommendations based on specific needs. This update process included

conducting thorough interviews with customers and internal stakeholders and creating detailed customer journey maps to make sure the site met expectations. JLG also conducted multiple rounds of usability testing to validate its design decisions, ensuring the new site offers a seamless experience.

—JLG Industries, Inc., www.jlg.com

Product Showcase

Thermal & Moisture Protection

TechCrete 2500

TechCrete™ 2500 by Alchemco offers a spray-applied waterproofing treatment designed to extend the service life of concrete structures by preventing moisture and chloride intrusion. The technology works by penetrating the concrete and reacting with calcium inside the concrete to form a flexible, vapor-permeable gel-like barrier that fills pores and microcracks of the substrate. This internal barrier blocks water ingress and allows the system to self-heal and waterproof existing cracks up to 2.0 mm (0.08 in.). It reactivates in the presence of moisture, delivering long-term protection. TechCrete 2500 is non-hazardous, NSF/ANSI 61 certified, and meets various ASTM International standards. It can be used on bridge decks, podiums, parking garages, airports, bridges, pools, and other exposed concrete applications to improve durability, reduce maintenance cycles, and support sustainable asset management strategies.

—Alchemco, <https://alchemco.com>



TigerLoc Plus

Nox-Crete's TigerLoc Plus™ is an ultraviolet (UV)-stabilized polyvinyl chloride (PVC) window and door attachment embed engineered for precast and tilt-up concrete construction. Designed to outperform traditional wood lumber, TigerLoc Plus eliminates issues like warping, rotting, or chemical reactions with aluminum window frames and fasteners. This embed installs easily using standard tools, with no pre-drilling required. Its grooved profile locks securely into concrete as it cures, creating a permanent, stable connection for window and door frames, prioritizing energy efficiency and durability. TigerLoc Plus does not absorb moisture, degrade over time, or compromise fastener strength. It helps ensure that cracking associated with differences in thermal movement is eliminated. This product is Class A fire rated and meets National Fire Protection Association (NFPA) 285 and ASTM E84-21a standards. By streamlining installation and reducing long-term maintenance, TigerLoc Plus helps cut construction costs while enhancing building performance.

—Nox-Crete, www.nox-crete.com



VAPOR BAN Primer ER

LATICRETE's VAPOR BAN™ Primer ER is an all-in-one moisture vapor barrier and primer that can be applied in a single step with minimal to no surface preparation. This single-coat, 100% solids, liquid-applied two-part epoxy coating consolidates the application of a moisture barrier and primer from two steps into one. VAPOR BAN Primer ER is specifically designed for controlling the moisture vapor emission rate from new or existing concrete slabs. Within 2 to 3 hours of the application, it will also perform as a primer prior to the installation for self-leveling underlayments. The single-step installation is ideal for fast-track projects, slab-on-ground construction, and elevated slabs. This coating can be used for the installation of vinyl, rubber, vinyl composition tile (VCT), carpet, wood, ceramic tile, stone, and other moisture-sensitive floor coverings and adhesives.

—LATICRETE International, Inc., www.laticrete.com



Concra Optimal Slab

Concra Optimal Slab™ is a decorative concrete flooring solution that combines aesthetics with durability. Optimal Slab is an all-in-one solution including all products, systems, and chemicals needed to design concrete floor topping and daily maintenance. Designed for retail stores, showrooms, convention centers, museums, and high-performance environments like data centers, this system offers customized finishes that are protected. Its nano-silica densified surface ensures abrasion and impact resistance, making it twice as durable as standard polished concrete and four to five times tougher than terrazzo. The Optimal Slab solution includes Concra™ SHIELD, a water-based penetrating sealer that provides waterproofing and improves chemical resistance for the concrete. Its fast installation process can help contractors save weeks in construction schedules. In addition, this flooring solution enhances energy efficiency by maximizing light reflection, reducing the need for artificial lighting.

—Concra, <https://concra.com>



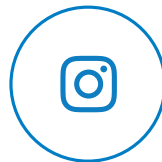
MEADOW-PRUF CO-SPRAY

W. R. MEADOWS, INC. introduced MEADOW-PRUF CO-SPRAY, a cold-applied liquid waterproofing membrane designed for below-grade vertical applications. With cold-weather-friendly properties, MEADOW-PRUF CO-SPRAY offers a durable and efficient solution for waterproofing projects. MEADOW-PRUF CO-SPRAY is a liquid-applied, seamless elastomeric membrane that provides resistance to water and water vapor. Modified with a proprietary blend of synthetic polymers and special additives, the product cures to form a tough, durable barrier for reliable protection. This membrane is suitable for both new construction and restoration projects on concrete or concrete masonry units (CMUs). It is also compatible with insulated concrete forms (ICFs) and green concrete applications. MEADOW-PRUF CO-SPRAY is designed for application in cool and damp conditions, with rapid resistance to rain wash-off. Its co-spray technology reduces reliance on ambient film-forming conditions, allowing for use in diverse climates and extending the seasonal application window. MEADOW-PRUF CO-SPRAY is non-toxic, non-flammable, phthalate-free, and volatile organic compound (VOC)-compliant in all 50 U.S. states.

—W. R. MEADOWS, INC., www.wrmeadows.com



Get Connected *with* ACI



Visit www.concrete.org