

Vortec Personal Air-Conditioning Vests

Vortec Personal Air Conditioners (PACs) can improve comfort, minimize temperature-related stress, and boost productivity. Vortec PACs have a tube that generates heated or cooled air that flows to a vest to cool or warm the worker's torso. PACs are available in three cooling capacities, and two models can be used in either heating or cooling modes. All models use vortex tube technology to achieve temperature differentials of ± 45 to 60°F (25 to 33°C). Cooling-only models allow the worker to adjust the temperature using an integral control knob. The diffuser vest provides air to the worker through a perforated inner lining. Available in three sizes, the durable polyvinyl chloride vests allow full range of motion with no airflow restrictions; and they do not absorb sweat or other contaminants. Body cooling vests can be worn under protective clothing.

—Vortec, www.vortec.com



RUNNUR Tablet Holder/Carrier

RUNNUR has a new line of products that work as wearable and lockable tablet holders/carriers. They provide hands-free functionality, allow fast device access, and reduce the risk of dropping devices. The Tablet Belt Clip allows the user to lock and carry any standard tablet on a belt like any other tool. The Heavy-Duty Tablet Belt is a combination of the Tablet Belt Clip with an addition of a belt. It is designed for heavy use and can be worn for long periods of time. Comfort is the main feature with this product, as it is made with a solid foam core and fits snugly around the waist to distribute the weight of the device. The Universal SlingMount™ is the easiest way to turn any tablet case into an over-the-shoulder sling. The mounting plate is the same one used for the belt clip, making the whole system modular.

—RUNNUR, www.mobiletechgear.com



SpecChem E-Cure

SpecChem's E-Cure is a water-based, clear compound that hardens concrete surfaces. Hard-troweled concrete surfaces treated with the compound have been shown to have less than 0.55 kg/m^2 (0.20 lb/ft^2) moisture loss in 72 hours. E-Cure will not inhibit adhesion of secondary coatings, toppings, or adhesives designed for concrete. E-Cure resists acids, oils, greases, salts, and tire marks. It's nonflammable, odorless, and contains zero volatile organic compounds (VOCs). E-Cure has been tested and certified to the performance requirements of NSF/ANSI 61: Drinking Water System Components – Health Effects. It can be used in interior or exterior applications.

—SpecChem, www.specchemllc.com

Products & Practice

Smartvid.io

Smartvid.io allows contractors to unlock insights from photos and videos to improve safety, quality, and productivity. Photo and video files can be uploaded with only one click. Files can be organized by project date, worker, or image type; and automated speech and image recognition systems allow rapid commenting and annotation as well as rapid retrieval. Smartvid.io automatically tags files showing people, hardhats, ladders, and other things that are relevant to safety, so safety managers can search across projects for relevant tags and mark potential risks. Similarly, superintendents can define keywords to be identified in project photos and video narrations. Smartvid.io automatically tags relevant files, allowing a rapid search for relevant tags to see already-curated photos and videos and mark progress, issues, or risks.

—Smartvid.io, www.smartvid.io



Prologue Ready Set

Prologue's ReadySetSM 3D laser scanning service offers quick, unobtrusive field scans before concrete placements. Next-day delivery of easy-to-read CAD overlays and annotations enables users of the ReadySet platform to easily and quickly identify and address potential problems prior to concrete placements. Overlays are optimized for electronic reviews, and they are formatted for field printing to provide significant time savings compared to conventional methods. Scans require about 1 hour of field time per 10,000 ft² (929 m²) of scanned area. Pricing is based on the scanned area.

—Prologue, www.prologuesystems.com

Cem-FIL MiniBars

Cem-FIL MiniBarsTM are high-performance composite macrofibers made from an alkali-resistant glass. The fibers have been engineered to provide high post-cracking strength to concrete, and they help to reduce or replace secondary and/or primary steel reinforcement in structural precast applications requiring flexural tensile and post-crack performance. Because they do not corrode, Cem-FIL MiniBars allow reductions in overall thickness in applications that do not need conventional reinforcement. Cem-FIL MiniBarsTM Gen 3 are 0.65 mm (0.03 in.) in diameter and come in 20, 30, 43, 50, and 55 mm (0.8, 1.2, 1.7, 2.0, and 2.2 in.) lengths.

—ReforceTechAS, www.reforctech.com



SUPERCAP Ready-Mix Delivery Service

SUPERCAP Ready-Mix Delivery is a new service offered by LATICRETE[®] SUPERCAP[®]. The service includes delivery of the company's cementitious self-leveling underlayment directly to a jobsite. It provides clients with consistent quality, increased jobsite safety, and OSHA silica dust compliance. The system can blend up to 30,000 lb/h (13,600 kg/h) and deliver as much as 50,000 ft²/day (4645 m²/day) of underlayment to heights up to 50 stories.

—LATICRETE SUPERCAP, <https://laticretesupercap.com>

Web Notes

Bosch MeasureOn App

With the new Bosch MeasureOn app, users get a clear digital overview of all project details—including floor plans, measurements, photos, and notes. Users can set up and manage projects by importing or entering customer data. They can also add notes and checklists—the information and documents are organized for easy access. In addition, MeasureOn works with the Bosch BLAZE™ GLM 50 C and Bosch GLM 100 C laser measurement systems for rapid acquisition of precise data to improve the reliability of project documents, reduce information transfer mistakes, augment project images, and create floorplans. All data can be instantly transferred to an iOS® or Android™ smart device. MeasureOn is free to download and use.



—Robert Bosch Tool Corporation, www.boschtools.com

Book Notes

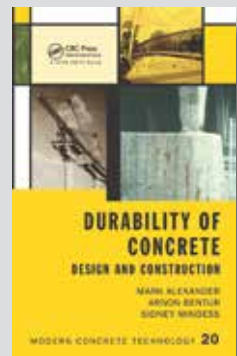
Durability of Concrete: Design and Construction

by Mark Alexander, Arnon Bentur, and Sidney Mindess

Durability of Concrete: Design and Construction provides an up-to-date survey of durability issues, with a focus on specification and design, and how to achieve durability in actual concrete construction. The book provides a summary of current knowledge regarding concrete durability, includes information on modern concrete materials, and shows how these materials can be combined to produce durable concrete. The book is aimed at practicing engineers, but is also a valuable resource for graduate-level courses and research programs.

—CRC Press, www.crcpress.com

Price: \$63.96; 323 pp.; ISBN 9781482237252 - CAT# K23160



Products & Service Literature & Videos

New Specifier Resources Released by Concrete Sawing & Drilling Association

The Concrete Sawing & Drilling Association (CSDA) released two new resource documents for architects, engineers, general contractors, and government officials. CSDA's "2017-2018 Resource Guide" and "2017-2018 Membership Directory" are both available for free from the association's website. The Resource Guide contains 45 industry documents, including standards, specifications, tolerances, and best practices. All resources were created to help industry specifiers better understand the wide range of capabilities and services that CSDA contractor members can provide. The current guide includes seven new documents and updates to several previously published documents. The Membership Directory contains a complete listing of all CSDA members, including contractors, manufacturers, distributors, and affiliates.

—CSDA, www.csda.org

