

# Products & Practice

## HoleMole Core Hole Filling System

The HoleMole™ Core Hole Filling System employs the Mole, a 16-gauge circular steel device connected to a threaded rod. The Mole contracts so that it can be pushed down a core hole. Then, the Mole expands and is pulled up against the floor to serve as a hole plug, eliminating the need for a worker to go to the floor below to install a piece of plywood. After the hole is prepped per the jobsite specification, a stand system is placed over the hole, the threaded rod is centered in the slot in the stand, and the rod is tightened against the stand. Next, the hole is filled with mortar or other filler, and the filler is finished flush with the surface. The stand can be removed and the rod broken off once the filler has set. The system can be used to fill holes from 2 to 12-1/2 in. (51 to 318 mm) in diameter. Threaded rods are available in lengths of 24 or 36 in. (610 or 914 mm) to accommodate various slab thicknesses.

—H&H Resources Inc., <https://holemoleconcrete.com>



## VisiSpecs

Chalkline's VisiSpecs™ is a suite of applications to visually document, coordinate, and verify Building Information Modeling (BIM) models and project specifications. Clients use the desktop and mobile applications to store and access model and specification data on the VisiSpecs cloud servers. VisiSpecs is built on familiar applications already in use to minimize training and setup time. Users can integrate their own master specifications and project documents with the project models to accomplish BIM integration. VisiSpecs provides direct, integrated access to the project specifications and documentation, and it eases collaboration.

—Chalkline, Inc., [www.chalklineinc.com](http://www.chalklineinc.com)

## Aquasense

AquaSense is a moisture probe or sensor for use in sand, powders, and granulated materials. Its ceramic faceplate is rugged and hard wearing, providing 10 to 20 years of service in concrete plant applications. Its microwave technology eliminates the errors associated with resistance and capacitance methods. When used in concrete production for batch control, AquaSense provides users with consistent yields, color and texture, workability, strength, and durability. The sensor takes measurements at the center of the flow region to minimize variations. It also minimizes density errors by measuring only the compacted material. AquaSense averages only the flowing material and holds the previous reading between batches.

—Scale-Tron Inc., <https://scaletron.com>

## Etymotic High-Definition Earplugs and Earphones

Etymotic's safety line of earplugs and earphones reduce the risk of noise-induced hearing loss and tinnitus. These products are designed for users who are exposed to high sound levels. Etymotic's HD•Safety™ earplugs reduce sound levels while preserving clarity and are available in two sizes to fit most ears. HD•15® electronic earplugs are for users who need protection from sudden loud impacts or sustained loud sounds, but also want to hear naturally when sound levels are safe. These electronic earplugs allow safe sounds to pass through, yet instantaneously react to reduce loud sounds and protect hearing. Etymotic's HD•Safety™ Earplugs + Earphones block external sound to reduce external noise and are engineered for safe listening and exceptional sound quality. Risk to hearing is minimized, regardless of the volume setting.

—Etymotic, [www.etymotic.com](http://www.etymotic.com)



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## KINSHOFER Series of Hydraulic Mobile Shears

KINSHOFER DXS Series of hydraulic mobile excavator shears debuted the DXS-50 model, which can be used for demolition. The DemaPower™ cylinder technology powers the DXS-50, using four chambers for 20% more surface area within the cylinder. The 9920 lb (4500 kg) DXS-50 features a closing force of 1203 tons (10,700 kN). The DXS-50 can be used for 25 to 35 ton (23 to 32 tonne) carriers when boom mounted, and 32 to 50 ton (29 to 45 tonne) carriers when stick mounted. The unit features a jaw opening that is 29.2 in. (741.7 mm) wide and 30.7 in. (779.8 mm) deep.

—KINSHOFER, [www.kinshofer.com](http://www.kinshofer.com)



## Epiroc SB Hydraulic Breakers

Epiroc SB hydraulic breaker attachments feature an integrated water channel and internal water port for dust suppression. Operators can spray water at the source of dust and keep dust levels down. SB breakers are designed to protect operators and equipment by minimizing noise and vibration. Epiroc SB series breakers are for the 0.7 to 24 ton (0.6 to 22 tonne) carrier class and are used in a wide range of applications that include demolition and renovation work, construction projects, tunneling, dredging, and pile driving. Mining and quarrying applications range from overburden removal and scaling to primary, selective rock breaking. Epiroc EnergyRecovery technology absorbs recoil energy, mitigating the anvil effect and increasing overall performance. The slim, compact design makes SB breakers easier to handle and improves operator visibility.

—Epiroc, [www.epiroc.com](http://www.epiroc.com)

## Bluebeam Revu 2018

Bluebeam Revu 2018 is a desktop, mobile, and cloud-based project efficiency and collaboration solution built for the AEC industry. Since 2002, Bluebeam has made smart solutions for paperless workflows that use PDF documents to share project information such as metadata, hyperlinks, bookmarks, images, attachments, and three-dimensional data downstream. By leveraging an open-source format, Revu fits seamlessly into existing project environments, improving access to project information within integrated systems. As a result, project communication and processes are streamlined. Revu 2018 enhancements include a responsive Properties Toolbar that presents tools based on user input; simultaneous file accessibility across multiple Studio Projects; a tabbed Bluebeam Studio interface that features thumbnail views and elevated visibility for common actions; the ability to save clicks and speed up workflows with customizable keyboard shortcuts; and video tutorials, pre-loaded Tool Sets, and sample files.

—Bluebeam, Inc., [www.bluebeam.com](http://www.bluebeam.com)



## 18V Brushless Compact Router

The RIDGID Brushless 18V Compact Router can cut up to 400 ft (122 m) of laminate per 5Ah battery charge. The brushless motor combined with the extended run time results in optimum performance. The router features a variable speed dial for adjusting speed to the application and a micro-adjust dial to adjust the router depth to specific materials and applications.

—Ridge Tool Company, [www.ridgid.com](http://www.ridgid.com)

## Web Notes

### Topcon Online Courses for myTopcon Support Site

Topcon Positioning Group added eLearning courses designed for online user-paced learning sessions to its myTopcon support and training site. Entry-level courses will be offered at no charge for an introductory period. Subject matter includes 3D-MC, MAGNET® Enterprise, MAGNET Field, MAGNET Office, Pocket 3D, and vertical construction concepts. The myTopcon site is designed to help industry professionals keep up to date with fast-paced technology changes. To access eLearning, log on to the myTopcon home page and click the “Training” icon.

—Topcon Positioning Group, [www.topconpositioning.com](http://www.topconpositioning.com)



## Book Notes

### Plain Language BIM by Iain Miskimmin

*Plain Language BIM* condenses years of experience and lessons learned from Bentley Institute’s BIM Advancement Academy. It guides the reader through the many complexities of Building Information Modeling (BIM) methodology by providing plain-language explanations of the concepts and building blocks required to deliver an effective strategy. The book demonstrates why gathering data about the asset is vital to the BIM process, and why trustworthy and reliable information, delivered in an understandable and consumable manner, is essential for effective decision-making regarding upgrading, augmenting, replacing, decommissioning, or leaving assets as they are. *Plain Language BIM* also explores three elements in creating good BIM practices: people, process, and technology. It explains how the combination of these elements plays a crucial role in the lifecycle of an asset and in delivering better outcomes.

—Bentley Institute Press, [www.bentley.com/books](http://www.bentley.com/books)

**Price: \$29; 110 pp.**



## Products & Service Literature & Videos

### New ASTM International Standard for Concrete Expansion Joint Filler

ASTM International published a standard for preformed expansion joint fillers made from closed-cell polypropylene foam. Such fillers are used in sidewalks, driveways, curbs, gutter, parking areas, roadways, and other concrete construction. The new standard (D8139) was developed by the ASTM International Committee D04, Road and Paving Materials. Acceptable products are defined based on factors that include dimensions, density, compressibility, recovery from compression, extrusion, and weather resistance.

—ASTM International, [www.astm.org](http://www.astm.org)