

# Products & Practice

## Milwaukee Tool 8-Gallon Dust Extractor

Milwaukee Tool's 8 gal. (30 L) Dust Extractor features an automatic filter cleaning mechanism to allow sustained airflow at 148 ft<sup>3</sup>/min (4.2 m<sup>3</sup>/min). The Extractor's dual filtration system (complete with HEPA filter) captures 99.97% of particles greater than 0.3 microns. For SDS Max hammers, a dust extraction attachment is available for drilling holes up to 2-3/4 in. (70 mm) in diameter. A chisel boot and grinder shrouds are also available to help maximize dust collection.

—Milwaukee Tool, [www.milwaukeetool.com](http://www.milwaukeetool.com)



## Graco EcoQuip 2 EQp

Graco's EcoQuip 2™ EQp, part of the EcoQuip 2 family of Vapor Abrasive® blast equipment, features a portable cart with lift handles that allows users to transport the device. The EQp works with coarse, fine, or nondestructive blast media. It is designed for applications such as steel and concrete surface preparation; graffiti removal; paint and stain removal from wood or brick; and iron fence and railing preparation. The equipment provides long blast times of 30 to 60 minutes between refills, along with low water usage. The EQp provides blast pressures up to 150 psi (1 MPa).

—Graco Inc., [www.graco.com](http://www.graco.com)



## Stronghold Coatings MM1018

Stronghold Coatings MM1018 is a polymeric metal material that provides 100% force fit gap compensation for the repair of concrete and steel bridges, power plants and utility construction projects, offshore drilling rigs, wind turbines, and other demanding, high-load, critical environments. This high-performance repair product provides 100% volume restoration inside gaps between bearing surfaces. It combines high compressive and shear strength, excellent vibration damping, and long-term corrosion protection in extreme service conditions (vibration and temperature extremes); and is resistant to weathering, gasoline, oils, coolants, acids, and lye. It is easily applied on site, even at height, using casting or injection.

—Stronghold Coating Systems, [www.strongholdone.com](http://www.strongholdone.com)



## GCP Clarena Brand for Aggregate Management

GCP's Clarena® portfolio helps mitigate the negative effects of poor quality aggregates on concrete performance. Clarena mid-range and high-range water-reducing admixtures ensure better workability and finishability by creating a smooth flowing concrete with improved placement properties. They can be used within a wide range of concrete slumps.

—GCP Applied Technologies, Inc., [www.gcpat.com](http://www.gcpat.com)

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## Minnich Manufacturing 50 and 35 cc Backpack Vibrators

Minnich Manufacturing's new Minnich 50 cc backpack model and the updated 35 cc unit are designed to maximize operator comfort, mobility, and productivity during concrete consolidation. Features of the lightweight units include: an adjustable harness that reduces strain and fatigue; a throttle assembly with combined quick disconnect that allows the core/casing to be quickly changed; a throttle assembly that is part of the core casing, enabling operators to use both hands to lower and lift the vibrator into and out of the concrete; and a throttle lock that lets operators move their hands up and down the core/casing while lifting and lowering. All core/casings and vibrator heads are interchangeable among all Minnich electric- and gas-powered motors.

—Minnich Manufacturing, [www.minnich-mfg.com](http://www.minnich-mfg.com)



## Nilfisk Floor-to-Ceiling Silica Dust Control Solution

Nilfisk's integrated silica dust control solution can help companies address controls and practices related to dust containment systems, wet methods, and equipment with high-efficiency particulate air (HEPA) filters. Nilfisk's offering of industrial cleaning equipment includes advance brand scrubbers, sweepers, and combination scrubber/sweepers that allow for wet-method cleaning and that offer optional DustGuard or DustClear™ dust-control technologies. The company's HEPA-filtered vacuums can be connected to power tools such as sanders and grinders to capture dust particles as small as 0.3 microns and help meet OSHA silica dust requirements.

—Nilfisk, [www.nilfisk.com](http://www.nilfisk.com)



## Westcoat MACoat

MACoat™ is a fiberlath reinforced deck system, engineered for use on elevated concrete walking decks. This concrete dampproofing system can be used for areas with heavy foot traffic, commercial decks, and walkways. MACoat is breathable and allows vapor to pass.

—Westcoat, [www.westcoat.com](http://www.westcoat.com)



## Gear Keeper TL1-5001 Standard Hard Hat Lanyard

Gear Keeper's TL1-5001 Standard Hard Hat Lanyard has a 20 in. (508 mm) loop-mounted retention strap employing a spring clip that is designed to attach to fall-protection harness systems or clothing such as coveralls or a vest. The easy-to-attach lanyard is weight-tested to safely retain commonly used industrial hard hats.

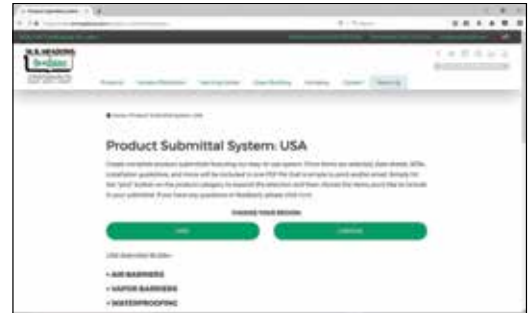
—Hammerhead Industries, [www.gearkeeper.com](http://www.gearkeeper.com)

## Web Notes

### W. R. MEADOWS Product Submittal Builder

W. R. MEADOWS' builder allows users to build their own submittals, including data sheets and guide specifications. Multiple individual files can be combined in a single PDF document file for easy transmittal to clients as an e-mail attachment.

—W. R. MEADOWS, [www.wrmeadows.com](http://www.wrmeadows.com)



## Book Notes

### *History of Tunneling in the United States*

The Society for Mining, Metallurgy & Exploration Inc. (SME) announced the availability of *History of Tunneling in the United States*. This publication examines 200 years of solving some of the nation's most pressing and dangerous tunneling problems. *History of Tunneling in the United States* is illustrated with historical photographs and drawings. Contents include: A Timeline of Tunnel Milestones; The Building of a Nation; Societal Benefits; Railroad Tunnels; Transit Tunnels; Highway Tunnels; Water Tunnels; Innovations in Tunneling; and The Future of Tunneling.

—SME Bookstore, [www.smenet.org/store](http://www.smenet.org/store)

**Price: \$259; 564 pp.; ISBN: 978-0-87335-430-1**



## Products & Service Literature & Videos

### Concrete Reinforcing Steel Institute Updated Reinforcing Bar Supports Standard

The Concrete Reinforcing Steel Institute (CRSI) has released an updated version of its standard, Supports for Reinforcement Used in Concrete (ANSI/CRSI RB4.1 2016). The previous edition of this mandatory-language document is referenced in ACI 301-16, Specifications for Structural Concrete. Performance requirements have been added to the new edition, with reinforcement support evaluated based on meeting minimum requirements of load tests, impact tests, water absorption criteria, and concrete consolidation tests.

—CRSI, [www.crsi.org](http://www.crsi.org)

### Study shows BIM Gaining Ground in Transportation Infrastructure

The use of building information modeling (BIM) is increasing in the horizontal construction market, according to a report from Dodge Data & Analytics. The "Business Value of BIM for Infrastructure 2017 SmartMarket Report"—produced in partnership with Autodesk, and with support from Deloitte—analyzes how engineers, contractors, and owners are using BIM for transportation infrastructure projects in France, Germany, the United Kingdom, and the United States. Commitment to BIM is greater among firms who use it, with 52% now reporting they deploy it on over half their projects, versus only 20% of them implementing it at that high level just 2 years ago.

—Dodge Data & Analytics, [www.construction.com](http://www.construction.com)