

# Products & Practice

## Elevated Column Base

Simpson Strong-Tie, a provider of engineered structural connectors and building solutions, introduced the Simpson Strong-Tie® ECB elevated column base. Featuring a 2 in. (50 mm) added standoff height, the ECB makes it easy to install waterproofing and lightweight concrete topping when connecting column or post bases in multifamily construction. The added height allows for the code-required 1 in. (25 mm) standoff above finish surfaces to prevent post decay.

The load-rated ECB can be easily attached to wood framing foundations using Simpson Strong-Tie Strong-Drive® SDS Heavy-Duty Connector screws or anchored into concrete foundations with adhesive or mechanical anchors. The versatile ECB design allows for four-corner-hole installation in wood or single-center-hole installation in concrete.

—Simpson Strong-Tie Company, Inc., [www.strongtie.com](http://www.strongtie.com)



## Saw Chain Sharpening Kits

Makita U.S.A., Inc., a manufacturer of professional tools and accessories, released two sharpening kits to retain optimal sharpness levels for both chain saws and pole saws. The kits are self-contained and include everything that a professional would need to get started maintaining their saw chains.

Makita designed the D-75910 and the D-75926 to include a saw chain file, a file guide, a flat file, a depth gauge tool, and two extra file handles. The saw chain file is used together with the file guide to sharpen saw chain cutting teeth, and the flat file is used with the depth gauge tool to maintain proper saw chain depth gauge settings. The kit is offered in a storage bag to protect the tools from elements. Makita also offers replacements for the round files and the flat files in a two-pack or a 12-pack to update kits when needed.

—Makita U.S.A., Inc., [www.makitatools.com](http://www.makitatools.com)



## Concrete Sensors Powered by Converge

DEWALT launched its suite of construction technology solutions, which includes the concrete sensors powered by artificial intelligence (AI)-based platform ConcreteDNA from Converge, a concrete material and operations optimization company. DEWALT's wireless concrete sensors provide real-time concrete curing data through a mobile app or web-based interface. The sensors feature curing milestone alerts, materials performance analytics, accurate AI predictions, and building information modeling (BIM) integration. By obtaining real-time concrete curing data and strength predictions, users can determine when concrete reaches its load-bearing strength, which allows contractors to build faster. In addition, concrete mixtures can be tailored based on insights sent from the sensor, which can help to reduce unnecessary carbon emissions.

—DEWALT, [www.dewalt.com](http://www.dewalt.com)



## Graffiti Guard Protective Sealer

Ameripolish®, an architectural concrete products provider, launched Graffiti Guard, a solvent-based, penetrating protective sealer that forms a clear coating that slightly darkens the natural color of the surface, enriching the surface aesthetic. Graffiti Guard protects masonry, metal, and cementitious material surfaces against unwanted contaminants like paint, soot, or dirt. With Graffiti Guard, these contaminants can be removed with cold or warm water and a power washer.

Graffiti Guard is low odor, nonflammable, and volatile organic compound (VOC) compliant. It's shipped ready to use, can be applied to new or existing surfaces, and will cover 200 ft<sup>2</sup>/gal (4.9 m<sup>2</sup>/L) using the recommended two coats.

—Ameripolish, [www.ameripolish.com](http://www.ameripolish.com)

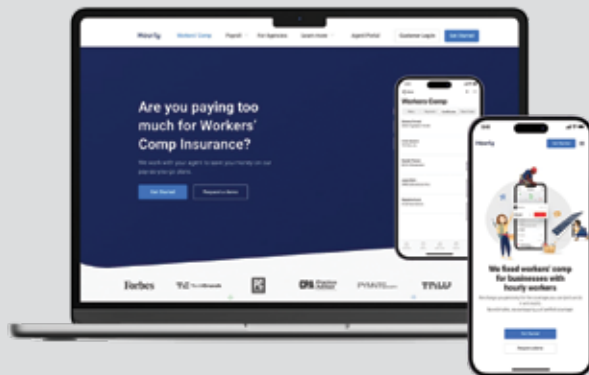


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## Hourly

Hourly is a cloud-based workers' compensation and payroll platform that connects real-time payroll data with the workers' compensation policy. Hourly automatically calculates premiums based on the total monthly payroll. Payroll errors are reduced by collecting time data automatically without manually calculating and importing timecard data. The platform tracks time, task, and location data in real time, making it easy to organize hours by client, project, or location. Features include unlimited payroll runs, same-day direct deposit, next-day paper check delivery, automatic filing of 1099 and W2 tax forms, seamless workers' compensation integration, fully managed garnishments, Quickbooks® integration, unlimited phone support, employee document center, and precision time tracking. Other features include GPS tracking, geofencing, real-time alerts, overtime and double time, compliance logs, kiosk mode, and job costing reports.

—Hourly, Inc., [www.hourly.io](http://www.hourly.io)



## Concrete Repair Code Requirements and Project Examples

ACI CODE-562-21 is the first code specifically for repairing reinforced concrete. The companion publication, "Guide to the Code for Assessment, Repair, and Rehabilitation of Existing Concrete Structures," includes chapter guides and project examples.



Looking for more on ACI CODE-562-21? ACI has produced a series of on-demand courses that review the process behind the ACI 562 repair code and showcase several project examples.

Visit [www.concrete.org/ACI562](http://www.concrete.org/ACI562)



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## Extendo 1544X Telehandler

Pettibone's Extendo 1544X telehandler features a 15,000 lb (6800 kg) maximum load capacity. The added load capacity can be used for material handling tasks in highway construction, pipe yard applications, and extended load requirements on traditional building sites.

The Extendo 1544X telehandler is powered by a 117 horsepower Cummins QSF 3.8 Tier 4 Final turbo diesel engine. Mounted onto a side pod, the engine can be easily accessed for daily service checks. The telehandler has a ground clearance of 19 in. (480 mm), and its 30 gal. (113 L) fuel tank provides ample volume for a full day's work. The telehandler comes standard with foam-filled tires.

—Pettibone, [www.gopettibone.com](http://www.gopettibone.com)



## Products & Service Literature & Videos



### 2023 Safety Performance Report by Associated Builders and Contractors

Associated Builders and Contractors (ABC) released its *2023 Safety Performance Report*, an annual guide to safety best practices on construction jobsites and a comprehensive study on the impact of the STEP Safety Management System. The report is based on submissions of company data gathered from members that deployed during the 2022 STEP term, January 15 to December 15. ABC collects each company's trailing indicator data as reported on its annual Occupational Safety and Health Administration Form 300A ("Summary of Work-Related Injuries and Illnesses") and its self-assessment of indicator practices from its STEP application. Each data point collected is sorted using statistically valid methodology

developed by the U.S. Bureau of Labor Statistics for its annual Occupational Injuries and Illnesses Survey and then combined to produce analyses of STEP member performance against BLS industry average incident rates. The report demonstrates that applying world-class processes dramatically improves safety performance among participants regardless of company size or type of work.

—Associated Builders and Contractors, [www.abcstep.org](http://www.abcstep.org)

### Q2 Thriving in the Dynamic Construction Market by PlanHub

PlanHub, a cloud-based software as service (SaaS) preconstruction platform, announced the release of its Spring 2023 Construction Industry Report. *Q2 Thriving in the Dynamic Construction Market* provides crucial insight into the trends driving market conditions and explores the strategies general contractors and subcontractors will use to navigate the headwinds.

The Q2 report analyzed platform data from over 340,000 companies using PlanHub. In conjunction with the platform analysis, a special survey of over 700 construction professionals was conducted. The emerging consensus from the report indicates that personal references will continue to play a pivotal role within the industry, 2023 market conditions, and the rise of civil projects.

*Q2 Thriving in the Dynamic Construction Market* examines general contractors' and subcontractors' views on their experiences so far in 2023 and their outlook on the construction industry for the remainder of the year.

—PlanHub, [www.planhub.com](http://www.planhub.com)

# Product Showcase

## Thermal & Moisture Protection

### ConBlock CDA and ConBlock CDA Red

ConBlock CDA and ConBlock CDA Red meet ASTM C494/C494M Type S requirements. These liquid amorphous crystal waterproofing admixtures can be used in below- and above-ground concrete applications where permeability reduction, enhanced paste density, and improved durability are desired. They densify concrete and reduce drying shrinkage, and they can be used in water and wastewater storage, treatment, and transport structures, including manholes, pipe, treatment plants, pump stations, detention structures, cisterns, and box culverts. These admixtures can also be used in parking structures, bridges, piers, retaining walls, and buildings. Both admixtures are NSF/ANSI 61-compliant and are acceptable for potable water applications.

—Concrete Sealants, Inc., [www.conseal.com](http://www.conseal.com)



### Viaflex VaporBlock Plus

Viaflex VaporBlock Plus is a seven-layer, co-extruded barrier made using polyethylene and ethylene vinyl alcohol (EVOH) resins to provide impact resistance, as well as resistance to gas and moisture transmission. VaporBlock Plus meet ASTM E1745 Class A, B, and C requirements and can be used under concrete slabs. It is designed to restrict naturally occurring gases from migrating through the ground and concrete slab, and it can also be used for building on toxic sites.

—Viaflex, [www.viaflex.com](http://www.viaflex.com)



### AIR-SHIELD BUTYL FLASHING

W. R. MEADOWS AIR-SHIELD BUTYL FLASHING is a composite membrane comprised of a black woven polyethylene facer and an easy-to-release kraft paper liner. The product is designed for extreme cold applications down to 10°F (−12°C). It can be used as a flashing for rough openings, windows, and detailing, as well as a transition membrane, and it provides an air, vapor, and liquid moisture barrier. AIR-SHIELD BUTYL FLASHING provides protection against water infiltration in critical detail areas such as window and door openings, deck-to-wall intersections, corner boards, wall-to-wall tie-ins, foundation sill plates, sheathing panel seams, masonry walls, and other nonroof detail areas. AIR-SHIELD BUTYL FLASHING is designed to be applied without primer or adhesive to concrete, steel, copper, stainless and galvanized steel, untreated wood, insulated concrete forms (ICFs), extruded insulation board, and exterior-grade fiberglass mat gypsum board sheathing.

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







## Barricade Thermo-Brace Guard

INDEVCO North America's patent-pending Barricade® Thermo-Brace® Guard is a structural continuous sheathing for corners of building envelopes. The structural sheathing system unitizes walls, insulates corners for higher energy efficiency, stops air leaks and moisture penetration, and eliminates the need for corner flashing. Barricade Thermo-Brace Guard can be applied with Barricade Thermo-Brace lightweight structural sheathing or with Barricade Thermo-Brace SIB Guard (R3 or R5) reversible structural insulated sheathing.

—Barricade Building Products,  
[www.barricadebp.com](http://www.barricadebp.com)



## Thermal-Grip Masonry Veneer Anchor

PROSOCO's Thermal-Grip® Masonry Veneer Anchor reduces thermal bridging and air and water infiltration. Designed by TRUFast Walls, this anchor is easy to install. It's constructed to anchor brick veneer and continuous insulation to steel or wood stud substrates while maintaining thermally efficient design and air barrier performance.

—PROSOCO, [www.prosoco.com](http://www.prosoco.com)



## Single Seal and Freeze Protect

Professional Products Direct's Single Seal and Freeze Protect™ is a clear, low volatile organic compound (VOC), nonflammable penetrating sealer that provides water repellency and reduces water absorption into substrates, thus reducing efflorescence and spalling due to freezing and thawing. It can be used on a variety of substrates, including concrete, pavers, stucco, and brick. Single Seal and Freeze Protect prevents discoloration of the substrate and preserves its natural appearance.

—Professional Products Direct,  
[www.professionalproductsdirect.com](http://www.professionalproductsdirect.com)

## Stay Up-to-Date with the ACI Concrete Industry Calendar!

Whether you're interested in networking with industry leaders, learning a new technology, or wanting to let others know about your upcoming event, be sure to check out the ACI Events Calendar. With just a few clicks, you can connect with an event near you or post your own event to share with the world!



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