

Product Showcase

Anchorage Systems

Fortec Double T Anchor

Fortec Stabilization's Double T Anchor is a U-shaped carbon fiber-reinforced polymer (CRFP) composite connector that is surface-prepped for installation. The CRFP profile was designed using finite element models to evaluate horizontal and vertical forces. Fortec Double T Anchors significantly reduce relative movement between adjacent double-T flanges while allowing for a small amount of flex in the joint. Physical tests were used to verify that the connectors can withstand over 10 times the flange movement that would occur without the support of an adjacent flange. In addition, cyclic tests have shown that the connector can withstand over 1,000,000 cycles of strain that would be imposed in a standard installation.

—Fortec Stabilization Systems, <http://fortcestabilization.com>



MB Stud Extender

The MB Stud Extender is designed as an adjustable height support chair for embed/weld plates. It eliminates the need for wood forming or “wet setting” of embed plates in the top-face of a concrete panel. The MB Stud Extender is available in 1 and 1-1/4 in. (25 and 32 mm) sizes and adds up to 5 in. (127 mm) to the length of the stud. It is ideal for use in insulated panels, as it can extend through the foam without creating a thermal bridge.

—Meadow Burke, <http://meadowburke.com>

SDS/2 Concrete

SDS/2 Concrete provides tools to automate detailing and fabricating of reinforcing bars. Users can automatically generate detailed bending and placing schedules, as well as placement drawings, from three-dimensional model information. Concrete embeds are simplified with SDS/2. Features include automatic creation of embed plates, full design calculations for embeds, two-dimensional drawings created with little to no cleanup, and layout tools for continuous embeds.

—SDS/2, a Nemetschek Company, <https://sds2.com>

H-B TBS Thermal Brick Support

Hohmann & Barnard's (H-B) TBS Thermal Brick Support is engineered from the ground up to reduce thermal bridging at brick veneer support angles, improving the energy efficiency of the building. The brick veneer support system for masonry wall construction allows for the installation of continuous insulation behind the support angle. The system can be designed for use with standard concrete inserts or with H-B's Sharktooth Insert, which allows adjustments in multiple directions to accommodate construction tolerances. The TBS Thermal Brick Support is available in hot-dip galvanized steel or Type 304 and 316 stainless steel.

—Hohmann & Barnard, Inc., www.h-b.com



Simpson Strong-Tie SET-3G High-Strength Anchoring Adhesive

Simpson Strong-Tie SET-3G™ High-Strength Anchoring Adhesive is formulated to yield superior performance in threaded rod anchor and reinforcing bar dowel installations, in cracked and uncracked concrete, and at elevated temperatures. The two-component, one-to-one-ratio, epoxy-based anchoring adhesive formula dispenses in a uniform gray color to match surrounding concrete surfaces and can be installed in downward, horizontal, vertical, and overhead orientations. SET-3G adhesive is designed for dry or water-saturated use conditions with temperatures between -40 and 176°F (-40 and 80°C).

—Simpson Strong-Tie, www.strongtie.com



Trubolt+ Wedge Anchor

ITW Red Head®'s Trubolt+® Wedge Anchor features a high-strength studded body that can resist high wind and seismic tension. It can be used in both cracked and uncracked concrete. The anchor is designed to have 360-degree contact with concrete, providing a strong hold. Trubolt+ anchors can be placed close to free edges of concrete, and they can be closely spaced.

—ITW Red Head,
www.itwredhead.com

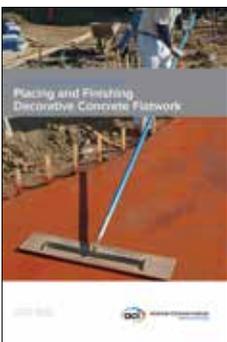
Concrete Craftsman Series



CCS-0(16) Concrete Fundamentals

This book is intended for anyone who wants an introduction to concrete and concrete construction, whether they are an apprentice, a journeyman, a foreman, a material supplier, or even a young engineer without field experience. Craftsmen in the concrete field may find it particularly useful as a guide for good practice.

Member: \$29 / Nonmember: \$49



CCS-5(16) Placing and Finishing Decorative Concrete Flatwork

The decorative concrete industry is growing fast and the standards of quality for this growing industry must be maintained and increased. This document was produced with the intent of raising the quality of education for the decorative concrete industry and supplements existing resources by providing knowledge of the materials, equipment, and techniques required to successfully install decorative concrete flatwork.

Member: \$39 / Nonmember: \$65



www.concrete.org