

NEW PRODUCTS FOR 2009

**MASA** Mudsill Anchor

MAS mudsill anchors have always been a time-saving alternative to mudsill anchor bolts, and now the new and improved design of the MASA provides for one-to-one replacement of $\frac{1}{2}$ " and $\frac{5}{8}$ " anchor bolts. Additional fasteners and the reinforcement of key sections of the anchor have improved performance so that the load capacity of the MASA mudsill anchor either meets or exceeds that of other cast-in-place anchors. Since the MASA can be installed as wide as 6' on center, the same load capacity can be achieved with fewer mudsill anchors.

See pages 22-23 for details

**FWANZ** Foundation Wall Angle

The new FWANZ foundation angle performs the same function as the original FWAZ: anchoring foundation and basement walls to the floor system to resist lateral loads due to soil pressure. Whereas the FWAZ utilizes the Titen HD screw anchor for anchorage, the new FWANZ fastens to the sill plate with nails and utilizes independent anchorage (*by Designer*) into the wall. This connection is called out in both the International Building Code® (IBC) Section 1610.1 and International Residential Code® Section R404.

See page 25 for details

**HTT4 & HTT5** Tension Ties

The LTT/MTT/HTT series of tension ties offers tension-resisting solutions that install with nails. These new additions to the HTT line feature an optimized nailing pattern which results in better performance with less deflection. Designed to meet new code standards, the HTT4 and HTT5 offer higher loads than their predecessors the HTT16 and HTT22. For an added benefit, the HTT5 installs with 6 fewer nails than the HTT22.

See page 40 for details

**HD19** Holdown

The new HD19 sits at the top of the holdown family when it comes to load values. With a maximum load of over 19,000 lbs. this high-capacity bolted holdown is ideal for applications that exceed the capacity of our other holdowns such as the HDU series. They are self-jigging on the stud, ensuring that the code-required seven-bolt-minimum end distance is maintained.

See page 41 for details

NEW PRODUCTS FOR 2009

**DTT2Z Deck Tension Tie**

The new DTT2Z is a safe, cost-effective way to attach deck-railing posts to the deck framing. Because the post is tied back into the deck joists, rather than to the rim joist alone, the connection is stronger than typical through-bolt installations and complies with new standards regarding guardrail post connections for decks. The DTT2Z also complies with the new standards for reinforcing the connection of the deck to the house. Additionally the versatile DTT2Z is load rated as a hold-down for light-duty shearwalls and braced-panel applications.

See page 165 for details

**DETAL Embedded Truss Anchor**

The new DETAL high-capacity embedded truss anchor attaches single-ply roof trusses to concrete and masonry walls. The DETAL20 combines dual embedded anchors with a structural moisture-barrier seat that is partially embedded in the concrete or grout. This plate serves to protect the truss and also provides increased lateral and uplift capacity.

See pages 144-145 for details

**TBD Truss Brace**

Everything about the new TBD truss brace is designed to make diagonal truss bracing easier. It travels in a box like a coiled strap and is formed into shape as it is pulled from the carton, making it rigid and easy to position across trusses. Once fastened into place, the braces lay flat so that they remain in place as the roof is sheathed, eliminating the need to remove bracing. And since the braces stay in place, trusses maintain better alignment and are safer for sheathing crews to work on.

See page 133 for details

**General Purpose Angles & Straps**

Simpson Strong-Tie introduces three new products to handle those applications where you need a versatile general-purpose connector. The MLZ angles are 4" and 6" long angles that fasten with Simpson Strong-Tie® Strong-Drive® screws (SDS) for a solid connection. The HTP37Z is a 3"x7" strap that installs with 10d x 1½" nails and the HRS416Z is a heavy-duty 4"x16" strap that installs with SDS screws for added strength.

See pages 148-149 (HTPZ & HRSZ), 167 (MLZ) for details