

Cast-in-Place Brace Anchors

DESCRIPTION

Dayton Superior's Cast-in-Place Brace Anchors are designed to be easily positioned and tied into the rebar mat of a tilt-up panel for anchoring wall braces to the floor slab or tilt-up panel.

FEATURES & BENEFITS

- Angular offset legs of the T4 Brace Anchor provide a stop gauge when anchor is pushed into the fill.
- Furnished with a factory-installed T21 or T22 Locator Plugs
- Available with plastic-dipped, plastic-tipped or stainless steel feet for versatility

PRODUCT DATA

- T4 - A 3/4" diameter insert used for attaching brace to floor slab.
- T6A - A 3/4" diameter coil insert designed to easily position and tie into the rebar mat of a tilt-up panel. Use with B14 Coil Bolts.
- T5A - Places anchorage at the bottom of poured panel enabling brace to fasten to the cast-down face of the panel after it has been lifted and set in place.
- Dayton Superior specifies the use of T4, T5A, T6A cast-in-place brace anchors or the T13 Coil-Anchor drill-in brace anchor ONLY. Dayton Superior does not specify or approve any other type of cast-in-place or drill-in anchor for the bracing of tilt-up wall panels.
- When two braces per panel are required, the normal brace insert location for solid panels is .1 to .2 of panel width, minimum of 12", inward from panel side.

Insert Type	Insert Depth	Panel Thickness	Ultimate Load (lbs)		Torque Per Anchor	
			Tension	Shear	Minimum	Maximum
T5A	3"	4"	7,794	10,998	80 ft lbs	115 ft lbs
T5A Heavy	5.25"	6"	18,044	22,532	100 ft lbs	140 ft lbs

Insert Type	Panel Thickness	Ultimate Load		Torque Per Anchor	
		Tension (lbs)	Shear (lbs)	Minimum	Maximum
T6A or T4	5"	12,560	9,840	100 ft lbs	140 ft lbs
T6A or T4	7.25"	17,960	19,280	100 ft lbs	140 ft lbs
T6S	5"	12,560	9,840	100 ft lbs	140 ft lbs
T6S	6"	17,400	14,400	100 ft lbs	140 ft lbs
T6S	7"	22,720	19,280	100 ft lbs	140 ft lbs
T6S	7.5"	25,560	22,030	100 ft lbs	140 ft lbs
T6S	8"	28,520	24,930	100 ft lbs	140 ft lbs

Ultimate Loads are based on 2,500 psi concrete

Maximum Ultimate Load is 20,000 lbs for T6A and 36,000 lbs for T6S

Corner or edge distances less than 1.5 times the embedment depth will proportionally reduce these ACI318, App. D Concrete limited capacities

