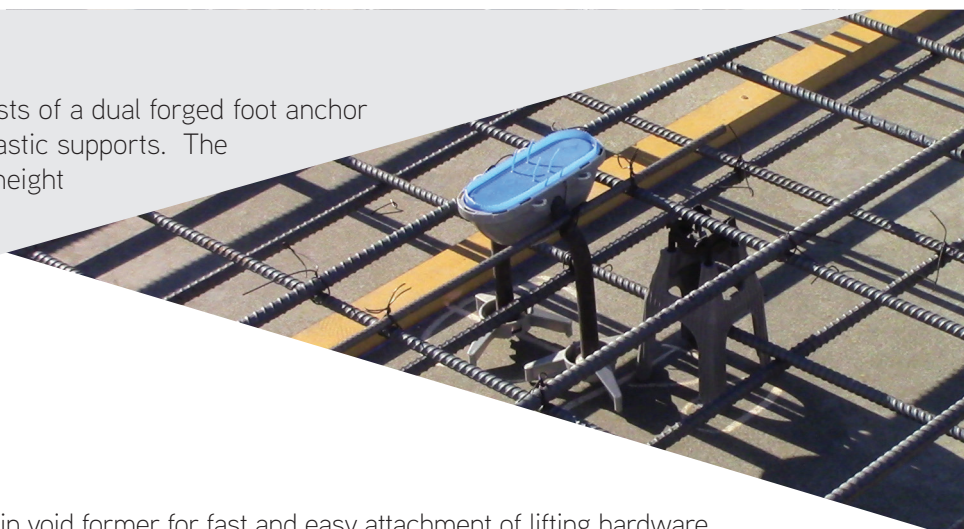


T275 TILT-UP ANCHOR

DESCRIPTION

The Dayton Superior T275 Tilt Up Anchor consists of a dual forged foot anchor assembled with a plastic recess plug and two plastic supports. The insert is a directional insert used parallel to the height of the panel. The T275 inserts are shipped assembled, ready to install and sized to the panel thickness.



FEATURES & BENEFITS

- T275 features easy to remove lid and a leave-in void former for fast and easy attachment of lifting hardware
- The 12-ton T120 Lifting Hardware allows for quick attachment to the insert and remote ground release after the panel has been erected and braced
- Minimum edge distance is 15"
- Can be used with Base Plates in insulated sandwich panels
- Dayton Superior recommends using Recrete 5, Recrete 20, HD 25 or Perma Patch VO repair mortars for T275 insert patching — the freeze-thaw test was conducted per ASTM C-666

PRODUCT DATA

| Concrete Strength/ Safety Factor | Safe Working Load | Structural Panel Thickness | |
|-------------------------------------|-------------------|----------------------------|---------------|
| | | 7-1/4" to 9" | 9-1/4" to 12" |
| 2,500 psi concrete and 2:1 SF | Tension | 20,100 lbs | 24,000 lbs |
| | Shear | 24,000 lbs | 24,000 lbs |
| 3,000 psi concrete and 2:1 SF | Tension | 22,050 lbs | 24,000 lbs |
| | Shear | 24,000 lbs | 24,000 lbs |
| 3,000 psi concrete and 2.5:1 SF | Tension | 17,639 lbs | 24,000 lbs |
| | Shear | 24,000 lbs | 24,000 lbs |



Installation:

1. The T275 insert location in the panel is easily found by locating the antennae which will project through the surface of the concrete.
2. Using an ordinary claw hammer, tap lightly around the antennae, breaking through the thin skin of concrete to expose the insert.
3. Drive the claws of the hammer down and pry up on the lid until it pops up.
4. Lid is easily removed, exposing the insert and leave-in void former.
5. No clean up required around the insert. It is ready to receive the lifting hardware.

