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Anchor Installation Data

CONCRETE COMPRESSIVE STRENGTH AND CURE TIME CRITERIA

Standard
Suitable concrete should have a compressive strength of at least 3500 psi and cured for at least 28 days.

Provisions for Anchoring Earlier than 28 Day Standard
The load strength of the anchor will be determined by the compressive strength of the test cylinder at the time of the anchor installation Even though the concrete may continue to cure to full strength, the load strength of the anchor will not increase beyond the value determined at the time of installation.

Anchors may be installed in high-early -strength concrete with a tested strength of at least 4000 psi cured at least 7 days.

Anchors may be installed in uncured concrete with a tested strength of at least 4000 psi cured at least 21 days.

EDGE DISTANCE CRITERIA

Criteria	Standard Distance
Crack/ Control Joint	8 “ (center-to-edge)
Edge	8 “ (center-to-edge)
Expansion Joint	8 “ (center-to-edge)
Abandoned Anchor	2 3/4 “ (center-to-center)
Grout-filled Hole	2 3/4 “ (center-to-center)

Provisions for Anchoring Closer than the Standard Edge Distance
If the 8” minimum edge distance specification cannot be set when using our standard anchor (3/4” x 5 1/2” Lg. sleeve type anchor) the following substitution ay be made to allow a **minimum edge distance of 3”:**

3/4”-16NC x 5 1/2” Lg. Grade 5, Zinc Plated, Thread Rod with one of the following epoxy adhesive systems:

WEJ-IT: Inject-TITE™ AWF All Weather Formula Epoxy Acrylate
HILTI: HIT-HY 150 MAX Adhesive Anchoring System

with 3000 psi minimum concrete strength and 4” minimum thickness

3” minimum edge distance applies to control joint, expansion joint, crack, or edge

Hole drill size required: **7/8” dia.**
Anchor torque: **80 ft.-lbs.** (no ‘setting torque’ required)