

ANCHOR INSTALLATION DATA

CONCRETE COMPRESSIVE STRENGTH AND CURE TIME CRITERIA

STANDARD

Suitable concrete should have a compressive strength not less than 3500 psi cured no less than 28 days.

PROVISIONS FOR ANCHORING SOONER THAN THE 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 install.

Anchors may be installed in *high-early-strength* concrete (only non-corrosive additives allowed) with a tested strength not less than 4000 psi cured no less than 7 days.

Anchors may be installed in uncured concrete with a tested strength not less than 4000 psi cured no less than 21 days.

EDGE DISTANCE CRITERIA

STANDARD

CRITERIA	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 met when using our standard anchor (3/4" x 5 1/2" Lg. sleeve type anchor) the following substitution may be made to allow a **minimum edge distance of 3"**:

3/4-10NC x 5 1/2" Lg. Grade 5, Zinc Plated, Threaded Rod with one of the following epoxy adhesive systems:

WEJ-IT: Inject-TITE™ AWF All-Weather Formula Epoxy Acrylate

HILTI: HIT-HY 200 MAX Adhesive Anchoring System

with 3000 psi minimum concrete strength and 4" minimum thickness

No expansion joint is allowed under the base plate.

Hole drill size required: **7/8" dia.**

Anchor torque: **80 foot-pounds** (no "setting torque" required)

SHIM HEIGHT CRITERIA

Shim height not to exceed 1/2" with supplied plastic shims (shim stability).

Shim height not to exceed 1/2" with supplied 5 1/2" long sleeve type anchor (embedment depth).