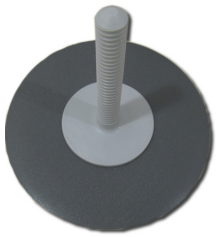
TW-ANCHOR

WELDABLE THERMOPLASTIC REBAR SUPPORT



DESCRIPTION

Rebar Anchor with weldable PVC Flange for supporting the dead load of the steel rebar cage concrete reinforcement.

METHOD OF APPLICATION

Size and fasten a COREFLASH 60 target piece over all areas where the TW-ANCHOR is to be installed. After the COREFLEX field membrane is affixed to the wall, drill a 28 mm (1 1/8") hole in the concrete liner 200 mm (8") deep. Inject the hole with a solvent free thixotropic epoxy to about half the depth of the drilled hole; 100 mm (4"). Insert the TW-ANCHOR into the hole until it seats flush. Trim the COREFLEX field membrane maintaining a minimum 100 mm (4") overlap to the target piece on all sides. Weld the PVC flange of the TW-ANCHOR to a COREFLASH 60 target piece. Insert an M-16 x 2.0 all-thread rod into the TW-ANCHOR. The length of all-thread rod and frequency of TW-ANCHOR placement to be determined by project engineers design. Cut a patch of CORETEX large enough to overlap the COREFLEX membrane 100 mm (4"), with a 16 mm (5/8") hole in the center, and place over the all-thread rod and adhere to the APC of the COREFLEX membrane with CETSEAL.

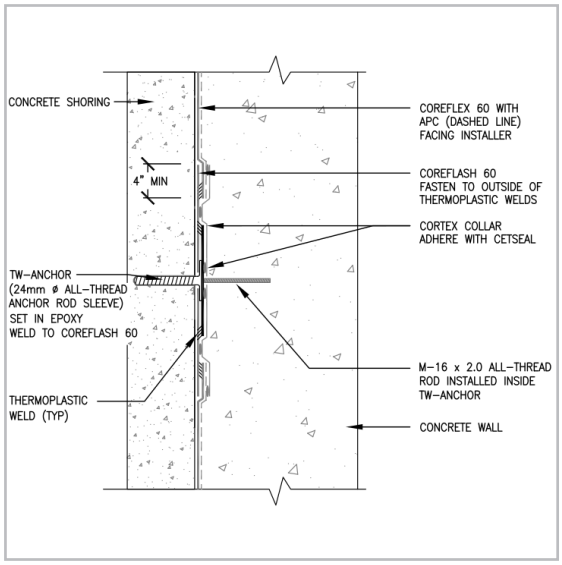
TW-ANCHOR can also be utilized with soldier pile & lagging soil retention systems. Size and fasten a COREFLASH 60 target piece over all areas where the TW-ANCHOR is to be installed. Anchor the M-16 x 2.0 all-thread rod to the lagging or soldier pile, and screw on the TW-ANCHOR until the flange is flush with the shoring. Weld the PVC flange of the TW-ANCHOR to a COREFLASH 60 target piece sized to overlap the COREFLEX field membrane a minimum 100 mm (4") on all sides. Then weld the target piece to the COREFLEX field membrane. The length of all-thread rod and frequency of TW-ANCHOR placement to be determined by project engineers design. Cut a patch of CORETEX large enough to overlap the COREFLEX membrane 100 mm (4"), with a 24 mm (7/8") hole in the center, and place over the TW-ANCHOR and adhere to the APC of the COREFLEX membrane with CETSEAL.

PACKAGING

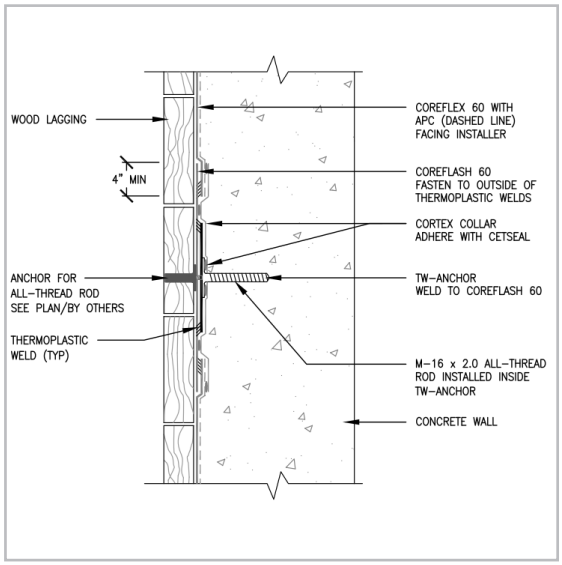
Boxes with 20 pieces per box
Weight per box: 7.25 kg (16 lbs)

PRECAUTIONS

TW-ANCHOR must be securely fastened. Avoid membrane seams directly over TW-ANCHOR when possible.



TW-ANCHOR w/ Shotcrete or Concrete Shoring



TW-ANCHOR w/ Wood Lagging

PHYSICAL PROPERTIES		
PROPERTY	TEST STANDARD	TYPICAL VALUE
Maximum Pullout Load (In Concrete)	ASTM E1512	124 kN (28,000 lbf)

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UPDATED: MARCH 2025 (Supersedes all previous versions)

FORM: TDS_TW-ANCHOR_AM_EN_202503_V2