



CTP STONE-GRIP TIE 6800-3 INSTALLATION INSTRUCTIONS



CTP 6800-3 SERIES ANCHOR Restraint & Gravity Anchor (3/8" x 1/2" x 3/4" dia.)

INSTALLATION PROCEDURE AND CRITERIA FOR STABILIZING AND SUPPORTING STONE PANEL TO CONCRETE BACK-UP AND GROUTED MASONRY

Requires CTP H Series Setting Tools

CTP Hammer Set (HS) Series Anchor

stabilize stone panel to concrete back-up and grouted masonry

Concrete or Grouted Masonry Back-Up

3" Minimum Embedment

Plug, Adhesive & Fill

1 1/4" Stone Veneer

EPDM Washer

Anchor Body

Expander Plug

Stainless Steel CTP Stone-Grip Tie Bearing Plate

1 1/2" Phillips Drive

1 5/8" Façade Countersink Diameter

FACE OF VENEER TO FACE OF BACK-UP (A)

1. Locate anchor placement per specified location.
2. Drill appropriate diameter hole thru the stone with a suitable "stone drilling" drill bit, and into the solid back-up to a depth indicated in the chart.
3. Blow out drill fines.
4. On center with the pilot hole, drill a counter-bore 1-1/2" minimum diameter hole into the stone façade 3/8" - 1/2" deep from the face of the stone on center with the previous drilled holes.
5. Assemble the anchor shaft without the CTP Stone-Grip Tie Bearing Plate assembly to the CTP H Series Setting Tool; slide assembly through the drilled holes until the expansion anchor bottoms in the concrete drilled hole; using a hand held hammer, firmly strike the setting tool until hammer rebounds lively; remove setting tool.
6. Attach CTP Stone-Grip Tie Bearing Plate assembly to the anchor shaft; hand tighten clockwise until the assembly bottoms out into the counter-bore, tighten 20-25 in-lbs.
7. Installation complete, patch or conceal anchorage per specification requirements.

Type 3 : Wind load restraint and panel support to concrete or grouted masonry back-up using hammer set expansion activation in the back-up material.

CATALOG #	FACE OF VENEER TO FACE OF BACK-UP (in.)	ANCHOR DIAMETER (in.)	ANCHOR LENGTH (in.)	MINIMAL OVERALL HOLE DEPTH (in.)	CONCRETE HOLE DIAMETER (in.)
	A	B	C	D	E
CTP-683801	3-1/2"	3/8"	5-5/8"	6-3/8"	3/8"
CTP-683802	4-1/2"	3/8"	6-5/8"	7-3/8"	3/8"
CTP-682101	3-1/2"	1/2"	5-5/8"	6-3/8"	1/2"
CTP-681202	4-1/2"	1/2"	6-5/8"	7-3/8"	1/2"
CTP-683400	2-1/2"	3/4"	4-5/8"	5-3/8"	3/4"
CTP-683401	3-1/2"	3/4"	5-5/8"	6-3/8"	3/4"
CTP-683402	4-1/2"	3/4"	6-5/8"	7-3/8"	3/4"

MINIMUM CONCRETE COVER AT ANCHOR BOTTOM = 3.5 x F. OTHER LENGTHS AVAILABLE UPON REQUEST

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