

# HECKMANN BUILDING PRODUCTS INC.

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## #134 CHANNEL SLOT CORRUGATED ANCHOR

**SIZE:** Anchors were 16 gage x 1-1/4" (31.75mm) wide x 3-1/2" (88.9mm) long from the face of the channel, made from Mill-Galvanized Steel conforming to ASTM A-527 G90.

**APPLICATION:** Anchors secure masonry or stone facing material to channel slots which are anchored to back-up walls or welded to steel columns and beams. Usually spaced 16" (406.4mm) o.c.

**TEST CONDITIONS:** Anchors were embedded 2-1/2" (63.5mm) deep in horizontal joint between two common bricks with Type N Mortar mixed 3-1 ratio and allowed to stand over 28 days (approximately 3500 psi). Mortar joints were approximately 5/8" (15.875mm) with the anchors centered in the joints permitting mortar to be on both sides of the anchor corrugation. The samples were tested to failure at a crosshead speed of 0.5"/minute (12.7mm/minute).

### PULLOUT OF CORRUGATED SECTION FROM BRICK

TEST RESULTS	NO. ANCHORS TESTED	AVERAGE PULLOUT
	5	1,265 lbs

Anchor 1: Load increased to 1,260 lbs. The anchor began to pull out, at which time the bricks separated along the mortar joint. No apparent damage to the anchor.

Anchor 2: Load increased to 1,202 lbs. Same failure as #1.

Anchor 3: Load increased to 1,374 lbs. Same failure as #1.

Anchor 4: Load increased to 1,218 lbs. Same failure as #1.

Anchor 5: Load increased to 1,270 lbs. Same failure as #1.

