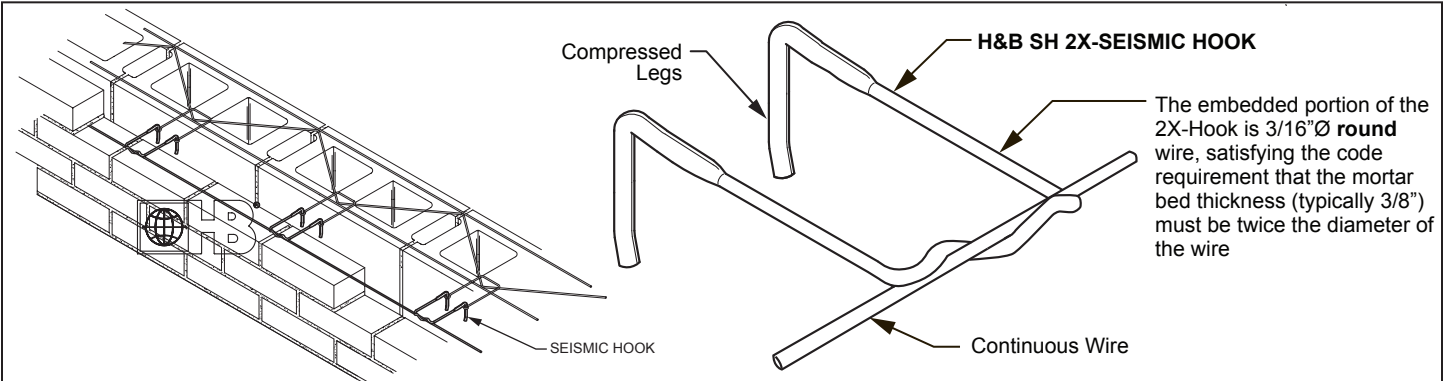


Lox♦All® Adjustable Joint Reinforcement

170-2X-SH Truss Eye-Wire

Adjustable Reinforcement with 2X-Seismic Hook



Hohmann & Barnard's 2X-Hook has been tested and designed to withstand over 200-lbf, in tension or compression, at maximum allowed offset (TMS 402/ACI 530 6.2.2.5.5.4) of 1/4" (disengagement of the pintle from the veneer anchor). These results exceed BIA recommendations and the capabilities of standard "round wire" hooks/pintles by over 100%, while maintaining the ASTM A1064/1064M wire specification.

EYE-WIRE WITH 2X HOOKS (WORKING LOAD*)

CAVITY	0" OFFSET	5/8" OFFSET	1 1/4" OFFSET	TEST
4 1/2"	807#	478#	237#	TENSION
4 1/2"	709#	487#	288#	COMPRESSION
7 1/2"	851#	488#	266#	TENSION
7 1/2"	700#	463#	288#	COMPRESSION

* WORKING LOAD DETERMINED AT .05" DEFLECTION

Tests were completed for 3" and 6" insulation with 1 1/2" air cavity.

DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY

Seismic Hook (U.S. Patents 6,789,365, 7,325,366 & 8,096,090) is "swaged" (indented) in two places to accommodate either a 9 gauge or 3/16" continuous wire

2X-Hook: U.S. Pat. No. 8,613,175

MATERIAL CONFORMANCE

Hohmann & Barnard joint reinforcement products conform to:
ASTM A951/A951M (Standard Specification for Steel Wire for Masonry Joint Reinforcement)
ACI / ASCE 530 (Building Code Requirements for Masonry Structures)

Wire (Carbon Steel): Prefabricated from cold-drawn steel wire conforming to **ASTM A1064/A1064M**

Tensile Strength - 80,000 p.s.i. | Yield Point - 70,000 p.s.i. minimum
Zinc Coating:
Hot-Dip Galvanized after fabrication: **ASTM A153/A153M-B2** (1.5 oz/ft²)

Wire (Stainless Steel): **ASTM A580/ASTM A580M** - AISI Type 304
(Type 316 available on special order)

Wire Diameter:

9 gauge (.148" or W1.7) or 3/16"Ø (.187" or W2.8)
Side Rods and Cross Rods available in any combination of the above.
Eyes and Pintles are 3/16"Ø, Cross Rods welded 16" O.C.

H&B manufactures steel wire products from a minimum of 95% recycled material.

Eye-Wire Finish:

Hot-Dip Galvanized | Stainless Steel Type 304 Type 316
Note: H&B recommends Stainless Steel for maximum protection against corrosion.

Eye-Wire Size (10' length std., custom length available special order):

(S) Standard Weight: 9 Gauge Side Rods x 9 Gauge Cross Rods
 (EH) Extra Heavy: 3/16"Ø Side Rods x 9 Gauge Cross Rods
 (SHD) Super Heavy Duty: 3/16"Ø Side Rods x 3/16"Ø Cross Rods

Block Size: (Std. sizes: 4" - 16" wall, other widths available on special request.)

4" 6" 8" 10" 12" 14" 16"

Note: State cavity and/or insulation thickness when ordering.

Compressed Leg 2X-Seismic Hook Finish:

Hot-Dip Galvanized | Stainless Steel Type 304 Type 316

Compressed Leg 2X-Seismic Hook: Length (Model), 3/16"Ø (5mm) wire

3" (300-S-2X) 4" (400-S-2X) 5" (500-S-2X)

Continuous Wire Finish:

Hot-Dip Galvanized | Stainless Steel Type 304 Type 316

Continuous Wire: 9 Gauge 3/16"Ø

IMPORTANT: Since each construction project is unique, the appropriate selection and use of any product contained herein must be determined by competent architects, engineers and other appropriate professionals who are familiar with the specific requirements of the project in question.