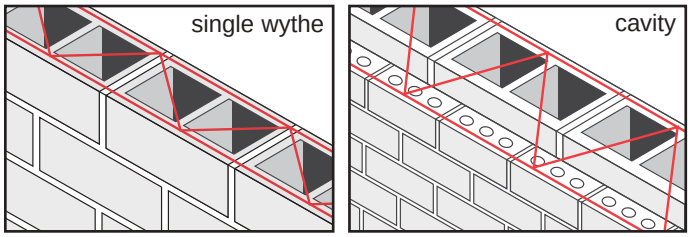
PRODUCT SUBMITTAL

Truss Design

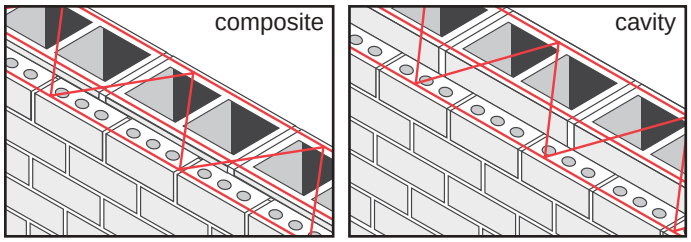
Description:

Truss Design is a prefabricated reinforcement for embedment in the horizontal mortar joints of masonry. Manufactured in 10-foot lengths from wire, it conforms to ASTM A 82 for cold drawn steel wire. It consists of two or more parallel and deformed longitudinal wires welded to a continuous diagonal cross wire at 16 O.C. Out-to-out spacing is approximately 2 less than the nominal thickness of the wall.

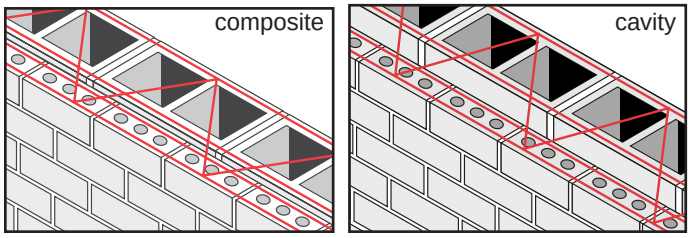
2 Wire System (Series 300)



3 Wire System (Series 300)



4 Wire System (Series 300)



Specifications:

All products conform to:

ASTM A641 - (Mill galvanized wire)
ASTM A153 Class B2 - (Hot dipped after fabrication)
ASTM A 82 - (Cold drawn steel wire)
ASTM A951-96 - (Masonry wall reinforcing)
ASTM 580 Type 304 - (Stainless steel)
ACI / ASCE 530 -(Building code requirements for masonry structures)

Wire Gauges:

	Side Rods	Cross Rods
Standard	9 Gauge (.148 in)	9 Gauge
Medium	8 Gauge (.162 in)	9 Gauge
Heavy Duty	3/16″ (.187 in)	9 Gauge
Extra Heavy Duty	3/16″ (.187 in)	3/16″

Finishes:

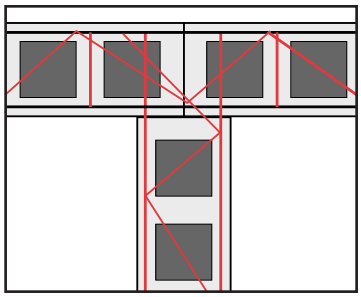
Plain	Uncoated
Mill Galvanized	Zinc Coated (0.10 oz per sq ft)
Hot Dipped Galvanized After Fabrication	Zinc Coated ASTM A 153 Class B2(1.50 oz per sq ft)
Stainless Steel	ASTM 580 Type 304

Class I ASTM A641 (0.4 oz/ft ^{2}) and Class III (0.8 oz/ft ^{2}) are no longer recommended by ASI 530 for interior walls.

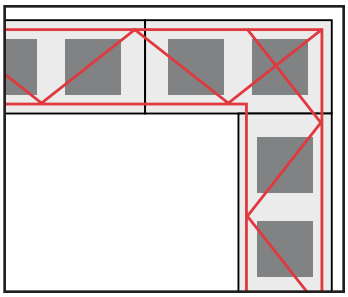
Epoxy coating is not recommended as a protected coating for joint reinforcement, anchors and ties. Manufacturer recommends Stainless Steel Type 304 for maximum corrosion protection.

Prefabricated Corners and Tees:

Truss Tee



Truss Corner



Approvals:

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