
**APPROVED SOURCES
WIRE MESH REINFORCEMENT**

BASIS OF ACCEPTANCE

Acceptance of wire mesh reinforcement shall be on the basis of certification from an approved steel fabricator and/or distributor.

Wire mesh used as reinforcement, when specified, shall be the size and spacing shown in the contract documents and shall meet the requirements of ASTM A-82, A-185, A-496, or A497.

Wire mesh requiring a PVC coating, the coating shall conform to the requirements of ASTM A-933. Wire mesh requiring an epoxy coating shall conform to ASTM A-884 Class A for concrete applications, and Class B for mechanically stabilized earth applications.

With each shipment to a project, the supplier shall furnish an identification list, invoice, or bill of materials along with Mill Test Reports. The paperwork shall identify the county, project, design number, and the contractor's name. The Mill Test Report and the invoice shall identify the grade, heat number, ASTM designation, spacing and size of wire, length and width of sheets or roll and quantity in the shipment. The supplier shall furnish a certification stating that the attached Mill Certification and statements are applicable to the material itemized.

Wire mesh shall be fabricated in the USA and shall be made from domestic origin. Wire mesh shall be sufficiently free of rust and objectionable coatings, such as lubrication and grease.

For material furnished by a supplier approved on a project-by-project basis, the distributor, supplier and/or fabricator shall request approval to supply wire mesh reinforcement prior to its use and/or incorporation into the project.

The District Materials Engineer shall request the following:

1. Mill Test Certification shall accompany each shipment.
2. Proper documentation of the material as stated above.
3. Sampling Testing: the District Materials Engineer shall secure a 24-inch x 24-inch sample. The sampling frequency shall be one sample per source per year.

WELDING – Steel Welded Reinforcement:

1. Welders, welding operators, and tack welders shall be certified (per [IM 559](#) and [Article 2407.03E2](#))
 2. Compliance with the AWS D1.4 Structural Welding Code.
 3. Welding processes, SMAW, GMAW, and FCAW or other process shall be approved by the Engineer.
 4. Weld procedure specification (WPS) shall be required.
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FABRICATORS/SUPPLIERS

Armco Steel Corporation*
7000 Roberts Street
Kansas City, MO 64125

Ambassador Steel Corporation
6950 NE 14th Street, Suite 35
Ankeny, IA 50023-8903

Ambassador Steel Corporation
102 Palisades
Mt. Vernon, IA 52314

Ambassador Steel Corporation
1401 N. 15th Avenue East
Newton, IA 50208

CF & I Steel Corporation*
PO Box 1830
Pueblo, CO 81002

Construction Materials, Inc.
560 Waconia Court SW
Cedar Rapids, IA 52404

Engineered Wire Products, Inc.*
PO Box 313
Upper Sandusky, OH 43351

Gate City Steel*
PO Box F
Sterling, IL 61081

Insteel Wire Products*
500 Klemp Road
Dayton, TX 77535

Insteel Wire Products*
PO Box 1122
Mount Airy, NC 27030

Intertrade Steel Corporation
5115 Mt. Vernon Road SE
Cedar Rapids, IA 52403

(continued)
FABRICATORS/SUPPLIERS

Iowa Steel & Wire Company
1500 Van Buren Street
Centerville, IA 52544

Ivy Steel & Wire*
PO Box 6447
Duluth, MN 55806

Insteel Wire Products
503 Forest Road
Hazelton, PA 18202

Insteel Wire Products
810 Atchison
St. Joseph, MO 64503

Ivy Steel & Wire*
PO Box 15633
Houston, TX 77220

Keystone Steel & Wire*
7000 S. Adams Street
Peoria, IL 61641

Oklahoma Steel & Wire
1041 South 1st Street
Madill, OK 73446

Quest Corporation
PO Box 366
Marion, IA 52302

W.G. Block Company
PO Box 3010
Davenport, IA 52808

Wisconsin Wire & Steel, Inc.
4365 N. 124th Street
Brookfield, WI 53005

*Acceptance and approval will be based on sampling and testing on a project-by-project basis.