FIBERWEB®

FIBERWEB® 300 FLASHING

Specification Section
07 65 00

DESCRIPTION:

FIBERWEB 300 is a durable, lightweight flexible metal membrane flashing. It is impervious to moisture penetration and not affected by any caustic alkalis found in concrete and mortar mixes since the metal is completely encapsulated in a layer of film.

.

Features and Benefits: a composite flashing which is:

- Easily installed
- Excellent puncture resistance
- High and Low temperature stability
- Guaranteed longevity

MODEL SPECIFICATIONS:

Special Requirements: All material specified shall be delivered to the jobsite in approved manufacturer's sealed containers bearing manufacturer's name and material identification.

Preparation: all masonry and other surfaces receiving flashings should be reasonably smooth, free from loose material and completely dry. There shall be no slopes which would prevent the free flow of water to the exterior surface of the wall. All work shall be executed in conformance with accepted trade practices.

Materials: Flashings shall be FIBERWEB 300, consisting of a lamination of metal encapsulated between layers of polyester film reinforced with fiberglass scrim with an average thickness of 7 mils.

Applications:

- Thru-Wall Flashing
- Concealed flashing
- Foundation Sill Flashing
- Base Flashing
- Spandrel Flashing
- Head and Sill Flashing
- Parapet Flashing

INSTALLATION INSTRUCTIONS:

General:

THRU-WALL: Starting at the face, extend the flashing through the veneer and turn up a minimum of 8inches. Fasten the top of the flashing to the back-up wall with a non-corrosive termination bar and Seal with AQUA FLASH mastic. Follow industry accepted practices for term bar installation.

For C.M.U. back-up wall, bed flashing in a mortar joint closet to cavity and seal with mastic.

For wood, steel stud or framed backed, seal into sheathing.

Lap flashing around corners and at end joints a minimum of 6 inches and seal with mastic

CONCEALED FLASHING: Install at windows and doors as specified in spec plans using a Minimum of 6inch strips of flashing at the jambs and extending 4 inches above the head. At the head, apply a 6inch strip of flashing over the jamb flashings. At sills, flash as for thru-wall installation instructions. Seal all laps with mastic. All laps should be 6inches.

OUTSIDE CORNERS (left to right): Wrap flashing around the corner and starting 1/8 inch from the right side of the corner, cut flashing at crease to end of flashing. Secure the flashing into the wall with mastic. Wrap the adjoining flashing from right of wall back around the flashing making the same incision as above and lap 6 inches over the left side. Apply FIBERWEB Tape at all laps and cut areas and then a coating of an approved mastic to ensure a long- term seal.

INSIDE CORNERS: Wrap flashing around into corner. Starting 1/8 inch from the innermost point of the corner, make an incision in the flashing that extends to the outer edge. Wrap the left side of the incision back over the right up to the bend and press a piece of the FIBERWEB Tape over the entire length of the lap, ensuring that the innermost corner is sealed. Apply an approved mastic over the entire taped area to ensure a long- term seal.

END DAMS: Where masonry meets another wall system, form an end dam by turning the flashing up at least 6 inches. Apply an approved mastic over the entire taped area and seal to end masonry units.

Inside and outside corners must be covered with two layers of membrane and sealed with an approved mastic.

Note: FIBERWEB tape may be used to seal all laps and joints or AQUA FLASH Mastic.

- Not to be used for exposed flashing
- Not to be exposed for long periods
- Not to be installed without a termination bar
- Membrane should be secured and covered to protect membrane from damage due to any debris falling debris, the environment or other trades on the jobsite

Sizes: Standard widths: 12”, 16”, 18”, 24”, 36”
Standard length: 300 lineal feet

Storage:

Product should be protected from outside elements.

Maintenance:

None required once installed.

FIBERWEB 300 meets the following specifications:

- Army Corps of Engineers CEGS-07600
- Navy Corps of Engineers MIL-631D
- Navy Corps of Engineers MIL-Y-1140H
- Navy Corps of Engineers MIL-P-14591C (MR)
- Navy Corps of Engineers HH-C-466b

TECHNICAL DATA:

PROPERTIES	VALUES	TEST METHODS
Moisture Vapor Transmission	0.0064 Perms	ASTM E 96
Tensile Strength MD	93.6 lbs./1" width	ASTM D 828
Tensile Strength CMD	83.8 lbs./1" width	
Puncture Resistance	94 Beach units	ASTM D 781
Tear Strength (Mullen Burst)	164.9 lbs./inch	ASTM D 751
Elongation	5%	ASTM D 412-68
Cold Temp Flex 180°F @ -100°F	Pass	
Tear Resistance MD	1222 lbs./inch	ASTM D 1004-66
Tear Resistance CMD	1631 lbs./inch	

®

Product Information: All users of the FIBERWEB products should read the Safety Data Sheets (SDS) which are available from the manufacturer listed below.
Contact a FIBERWEB representative or our offices for further installation information.

®

FIBERWEB

DIVISION OF
Clark/Hammerbeam Corp.
PO Box 381
Dedham, MA 02027
Tel. 781-461-1946
www.fiberwebflashing.com