

Multi-Flash™ 500 Series

Copper Fabric Flashing (Asphalt-Free)



YORK

Since 1935

Technical Data Sheet

Key Properties

- Compatible with other building envelope systems
- Works in all temperatures (-25°F - 125°F) for fast installation and no special storage requirements
- Compatible with all current air barrier membranes and sprays
- Lighter weight allows longer 60-ft. rolls for fewer lap joints (40' for 7 oz.)
- Made of 90% recycled copper
- Meets all specifications for York's copper fabric flashing
- Flexible – easy on-site fabrication of end dams and corners
- Compatible with most caulks and sealants; no special flashing mastic needed, polyether sealants are recommended
- Approved for installation with UniverSeal sealant by York or equal used as a non-penetrating termination bar
- Clean – no asphalt or parting agents

Available in 3 oz. (gold), 5 oz. (red) or 7 oz. (green)

Description

A full, single sheet of 3, 5 or 7 oz. copper sheet bonded with a proprietary rubber based adhesive, between two layers of fiberglass fabric weighing not less than 0.3 oz/ft²/layer with a minimum of 10x20 threads per inch. This fiberglass fabric is color coded to identify the ounce weight of the copper in the product; the 3 oz. being yellow, the 5 oz. being red and the 7 oz. being green. Rolls are available in standard widths of 12", 16", 18", 24" and 36" with the 3 and 5 ounce weights in 60' rolls and the 7 ounce weight in 40' rolls.

Preparation:

All masonry surfaces receiving through-wall flashings shall be free from loose materials, and reasonably smooth. There shall be no slopes that will form pockets or prevent free drainage of water to the exterior surfaces of the wall. All work shall be executed in conformance with accepted trade practice.

Application for back-up walls built of masonry or studs and sheathing:

Horizontal Masonry Surfaces: Flashing shall be laid on a bed of UniverSeal polyether sealant or equal and topped with a fresh full bed of mortar. Flashing shall be set flush with the exterior masonry.

Vertical Masonry Surfaces: Surfaces receiving the flashing shall be sufficiently spotted with UniverSeal sealant or equal to hold it in place until masonry is set. Secure the top edge of flashing with UniverSeal sealant or equal to the backer wall utilizing specially designed wide flange nozzle recommended by the manufacturer.

Foundation Sill Flashing: The flashing for foundation sills shall be laid on a bed of UniverSeal polyether sealant or equal and topped with a fresh full bed of mortar. Flashing shall be set flush with the exterior face of the masonry and turned up on the inside not less than 2" or be carried upward across the cavity a minimum of 6". Flashing will then be secured to the back wall with UniverSeal sealant or equal as above. Where sill and column meet, flashing shall be brought a minimum of 10" up the column and be secured with UniverSeal polyether sealant.

Cavity Wall Flashing: Flashing shall be set in a bed of UniverSeal polyether sealant and topped with a fresh full slurry of mortar. Flashing shall be set flush with the exterior face of the masonry wall and carried through the wall, across the cavity, upward a minimum of 8" and secured to the back wall with UniverSeal sealant or equal as described above.

Spandrel Flashing: Spandrel flashing shall start from the outside toe of the shelf angle and be set in a bed of UniverSeal polyether sealant and topped with a fresh full slurry of mortar; go up the face of the beam and then through the wall turning up on the inside not less than 2".

Parapet or Copings: Flashing for parapets or copings shall be laid in a bed of UniverSeal polyether sealant or equal and topped with a fresh full bed of mortar. Flashing shall be placed flush with the exterior faces of both sides of the wall.

Head and Sill Flashing: The flashing shall be placed flush with the outside of the wall or lintel angle, then carried through or up the wall as indicated. Flashing shall extend 6" beyond each side of the opening and be turned up at the sides forming a pan. All end dams shall be folded, not cut.

Other Areas: All membrane flashing at other locations shall be installed in accordance with manufacturer's recommendations.

Joining of Material: Joint shall be made by lapping the flashing a minimum of 6" and coating the contacting surfaces with UniverSeal polyether sealant or equal.

Weep Holes: All flashing installed through masonry shall be provided with proper drainage to outside. Weep holes shall be provided in the head joints on the first course immediately above the flashing. Weep holes shall be kept free of mortar droppings.

York recommends the use of polyether sealants to maintain the broad range of compatibility that the Multi-Flash™ 500 flashing offers. Recommended manufacturers are:

York Manufacturing: UniverSeal or STS Coatings: GreatSeal LT-100

Limited Warranty

York Manufacturing, Inc. warrants this product to be free of defects in workmanship and materials for the Life of the Wall. If any York Multi-Flash™ flashing proves to contain manufacturing defects that substantially affect their performance, York Manufacturing, Inc. will, at its option, replace it or refund its purchase price. This limited warranty is the only warranty extended by York Manufacturing, Inc. with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. York Manufacturing, Inc. specifically disclaims liability for any incidental, consequential, or other damages including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of York Manufacturing, Inc. liability and buyer's remedy under their limited warranty shall not exceed the purchase price of the York Multi-Flash™ in question.

Inspection

In each area where membrane flashing has been installed, a minimum of three locations in the wall joint above the flashing shall be left clean of mortar for water to be forced into the opening to determine if flashing has been installed properly. All flashing that has been left exposed to the exterior should be trimmed flush with the exterior masonry at this time.