



# Multi-Flash™ 500 SA

## Self-Adhering Copper Fabric Flashing Non-Asphaltic

### Key Properties

- No staining
- Butyl adhesive/watertight bond
- No primer required
- 20-year warranty
- Made of 90% recycled material and recyclable 
- Copper meets ASTM B370-12
- Fire resistant: ASTM E84 Class B material
- Mold resistant: passes ASTM D3273
- Meets all performance specifications for asphaltic copper fabric flashing
- 90-day UV exposure
- Flexible, easy to cut and form by hand



Available in:  
 3 oz. (Gray), 5 oz. (Red), 7 oz. (Black)  
 12", 18", 24", 36" x 25'  
 Custom sizes upon request.

### Description

**Multi-Flash™ 500 SA** has been designed with a flexible 3oz., 5oz., or 7oz. sheet of copper laminated on one side with a polymer fabric, butyl adhesive, and a siliconized release liner. **Multi-Flash™ 500 SA** is a self-adhering metal membrane that offers best-in-class puncture resistance. It can be applied from 20° F to 170° F and stays stable and air-tight from -70° F to 250° F.

### Uses

- Through-wall flashing
- Transition membrane (air barriers, roofing, waterproofing)
- Roof to parapet flashing
- Jamb closure flashing

### Compatible With

- Air barriers
- Below-grade waterproofing
- Spray polyurethane foam
- Roofing membranes
- Insulation boards
- Construction sealants

### Through-Wall Flashing Instructions

**Surface Preparation:** All 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** of through-wall flashing for backup walls built with masonry or studs with sheathing.

**Horizontal Masonry Surfaces:** Flashing shall be installed on a clean, dry, and smooth substrate, then a fresh bed of mortar will be placed on top of the flashing. Flashing shall be set flush with the exterior masonry.



**Vertical Masonry Surfaces:** Flashing shall be installed on a clean, dry, and smooth substrate. Terminate in one of the following ways:

- Use a termination bar to fasten the flashing to the backer wall and seal the top edge with an approved sealant.
- Use other methods indicated in the drawings.

**Foundation Sill Flashing:** The flashing for foundation sills shall be installed on a clean/dry substrate and topped with a fresh 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 backer wall as stated above. Where sill and column meet, flashing shall be brought a minimum of 10" up the column and be secured with approved sealant and termination bar.

**Cavity Wall Flashing:** Flashing shall be set on a clean/dry surface and topped with a bed 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 backer wall as described above in the Vertical Masonry Surfaces.

**Shelf Angle Flashing:** Shelf angle flashing shall be trimmed flush with the outside toe of the shelf angle, go up the face of the beam, and then through the wall turning up on the inside not less than 2".

**Parapets or Copings:** Flashing for parapets or copings shall be installed on a clean/dry surface and topped with a fresh 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 to create end dams.

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

**Joining of Materials:** Joints shall be made by lapping the flashing a minimum of 2" and sealing the leading edge with a compatible sealant or metal splice tape. Using an interlocking lap, per the manufacturer's detail, is also acceptable with the use of an approved sealant. All edges must be sealed.

**Weep Holes:** All flashing installed through masonry shall provide proper drainage to the outside. Weep holes shall be provided in the head joints on the first course immediately on top of the flashing. Weep holes shall be kept free of mortar droppings with a fabric or netting weep vent protection material.

**Corners and End Dams:** Corners and end dams can be made per instructions on York's website ([www.yorkflashings.com](http://www.yorkflashings.com)) or use York's preformed corners and end dams. End dams shall be folded, not cut.

TECHNICAL DATA MULTI-FLASH™ 500 SA (5 OZ.)				
PROPERTY	TEST METHOD	MULTI-FLASH 500		
		3 oz. 540	5 oz. 780	7 oz. 850
Puncture (PSI)	ASTM E154			
Tensile	ASTM D412	32,000		
Fire Resistant	ASTM E84	Pass (class B)		
Mold Resistant	ASTM D3273	Pass		
Recycled Content		90%		
Recyclable Material		Yes		
UV Exposure (days)		90		
Warranty		20 years		

