



Flash-VentTM SS

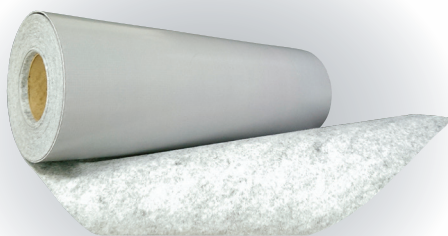
Stainless Steel Drainage Plane Flexible Flashing

Key Properties

- Available in type 304 (standard) & type 316 for more corrosive/coastal areas
- Life of the wall warranty
- Does not clog with mortar
 - Eliminates need for mortar netting
- Best in class puncture resistance
- Fire resistant: ASTM E84, Class A material
- Mold resistant: passes ASTM D3273
- Made of 60% recycled stainless steel ♻️
- HPD# available upon request
- Continuous weep/drainage

Uses

- Cavity wall
- Stucco
- Manufactured stone
- Thin brick
- Compatible with:
 - Air barriers
 - Spray polyurethane foam
 - Cavity wall insulations
 - Construction sealants



Available in:
12", 18", 24", 36" x 40' Custom sizes upon request.

Description

Flash-VentTMSS has been designed with a flexible 2 mil sheet of type 304 stainless steel laminated on one side to a polymer fabric and drainage fabric on the opposite side.

Application

Important! Always apply flashing with the soft drainage surface facing up and to the outside. Flashing must make it to the leading edge of the cladding.

Horizontal Masonry Surfaces: Flashing shall be laid in a bed of approved sealant and a fresh bed of mortar will be placed on top of the flashing. Flashing shall be trimmed flush with the exterior face of the wall.

Vertical Masonry and Concrete Surfaces: Apply flashing with drainage surface facing up and to the outside. Terminate in one of the following ways:

- Set **York's Term-ClampTM** in the block backer wall and slide flashing into the clamp.
- Use termination bar to fasten the flashing to the backer wall and seal the top edge with approved sealant.
- Use other method indicated in the drawings.

Foundation Sill Flashing: Flashing width required to trim flush with outside face of exterior wythe, extend through cavity, rising height required on the inside not less than 8". Install on backer wall using technique indicated above in Vertical Masonry and Concrete Surfaces paragraph. Then, lay the flashing for foundation sills in a bed of approved sealant and top with a fresh bed of mortar. Where sill and column meet, flashing shall be brought a minimum of 10" up the column and sealed with an approved sealant.

Cavity Wall Flashing: Flashing width required to trim flush with the outside face of exterior wythe, extend through cavity, rising height required to cross cavity and extend up back wall at least 8", rising height required to extend above lintel steel at least 6". Install on backer wall using technique indicated above in Vertical Masonry and Concrete Surfaces paragraph. Flashing for exterior wythe shall be laid in a bed of approved sealant and topped with a fresh bed of mortar.

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".

Parapet or Copings: Flashing for parapets or copings shall be laid in a bed of approved sealant and topped with a fresh bed of mortar. Flashing shall be trimmed flush with the exterior and interior faces of the masonry wall.

Head and Sill Flashing: The flashing shall be trimmed flush with the outside of the wall or lintel angle. 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

Joining of Materials: Flashing must be butted together over a 4" splice piece of **York 304** or a 6" splice piece of **Multi-Flash SSTM** and sealed with approved sealant. (Overlapping is not an acceptable practice with drainage plane flashing.)

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

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.

THROUGH-WALL FLASHING COMPARISON CHART

Properties	Rubberized Asphalt (Peel & Stick)	Flash-Vent™ Copper 3oz	Flash-Vent™ Stainless Steel
Base Material	Petroleum	Copper	Stainless Steel
Base Material Recycled Content	1% - 3%	90%	60% - 70%
Recyclable	No	Yes	Yes
Warranty (Maximum)	5 year	Lifetime	Lifetime
Lap Joints in 100'	17	3	3
Fire Resistant (ASTM E84)	Failed	Class A	Class A
Mold Resistant (ASTM D3273)	Unknown	Yes	Yes
Tensile Strength (ASTM D412)	1,200	32,000	100,000+
Puncture Resistance (ASTM E154)	80 psi	310 psi	2,500+ psi
Chemically Compatible with All Wall Components	No	Yes	Yes
Gap Spanability	1/4" or less	width of cavity	width of cavity
Primer Required	Yes	No	No
Primer cost (not including labor)	\$0.61	N/A	N/A
Flashing Cost per Square Foot	\$0.99	\$3.19	\$2.73
Drip Edge Required	Yes	No	No
Drip Edge Lineal Foot	\$1.07	N/A	N/A
Mortar Netting 2" Lineal Foot	\$1.80	N/A	N/A
Total Cost per Square Foot	\$4.47	\$3.19	\$2.73

* All information gathered from Manufacturer's literature 1/5/2021

** BIA (Brick Industry Association) Tech Note #7

*** Pricing for flashing system and components 1/5/2021 and priced by the square foot. If using mortar netting, flashing must be 6" higher than the netting.

