VAPRO SHIELD®
Breathable Membrane Systems for Roofs & Walls

Vapro-SS Flashing™

a multi-purpose stainless steel self-adhered flashing.
Product No.: 49854500, 49854800, 49856000, 49857700

Overview

Vapro-SS Flashing is a self-adhering metal flashing that offers best in class puncture and tear resistance. It has been designed with a flexible 2 mil (0.05 mm) sheet of Type 304 stainless steel, 8 mils (0.20 mm) of butyl adhesive and a siliconized release liner.

Vapro-SS Flashing is a multi-purpose self-adhered flashing that can perform in various applications:

- Through-Wall Flashing for Masonry and Stone structural components

- Transition Membrane (air barriers, WRB, roofing membranes, plaza and below grade waterproofing)

- Curtain Wall Perimeter Flashing

- Window and Door Pan Fabrication

- Jamb Closure Flashing

- Roof to Parapet Transition Flashing

Technical Data

- Flexible self-adhered flashing with a removable release liner that can be installed in temperatures ranging from 20 ˚F (-6 °C) to 170 ˚F (77 °C)

- Stays stable and air tight from -70 ˚F (-57 °C) to 200 ˚F (93 °C)

- Easily adheres to the majority of air barriers, WRB's, sealants, insulations, below grade waterproofing and roofing membranes, which makes it an excellent transition flashing that is easy to install

- Provides a watertight bond, is mold resistant, fire resistant, and puncture resistant

- Available in 4, 6, 12, or 18 inches x 50 ft. (10, 15, 30 or 45 cm x 15.24 m).

Compatibility

- All VaproShield Materials
- Spray Polyurethane Foam
- Exterior Rigid Insulation
- Exterior Gypsum
- Plywood
- Concrete
- Metals

Storage and Handling

- Store material in original packaging. Protect rolls from direct sunlight and inclement weather. Storage conditions: 0 ˚F (-18 ˚C) to 100 ˚F (38 ˚C)

- Cover within a few days of installation to protect it from damage from different trades, the environment, and falling debris.

- If flashing is left unprotected and it is punctured or torn, contact VaproShield for replacement recommendations, 1-866-731-7663, ext. 5.

- Avoid placing the adhesive with other materials that have high plasticizer contents.

BEST PRACTICE SEQUENCE WITH VAPRO-SS FLASHING
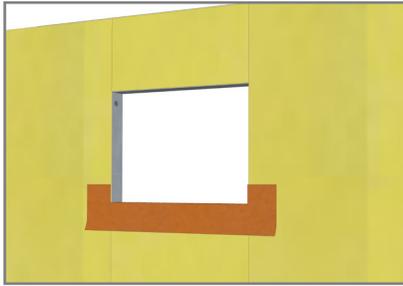
1. Install WrapFlashing SA Self-Adhered into sill with 2.75" folded into Rough Opening (R.O.) 9" left on face, with bottom 6" of release film to remain attached.

2. Install jamb pieces with 2.75" folded into R.O. 9" to be left on face.
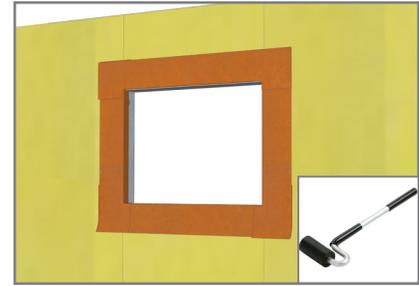
3. Install head piece with 2.75" folded into R.O. 9" to be left on face. Roll all WrapFlashing SA (orange) sections with weighted roller to ensure full contact.

*A
*B

4. Install Vapro-SS Flashing at sill in shingle fashion with 3" up-turned legs at sill and head + 1" on face; jambs are 1" onto the face.

See Cut Patterns Detail P.3

5. Install Vapro-SS Flashing at jambs in shingle fashion with 3" up-turned legs at sill and head + 1" on face; jambs are 1" onto the face.

6. Install Vapro-SS Flashing on head in shingle fashion with 3" up-turned legs at sill and head + 1" on face; jambs are 1" onto the face. Roll all Vapro-SS Flashing with weighted roller to ensure full contact.

7. Install field membrane underneath 6" flap of sill flashing to create shingle effect, remove release film, adhere to membrane, roll to ensure adhesion at seams (overlaps).

7A. Install head flashing (by others) over Vapro-SS Flashing + embedded in VaproBond.
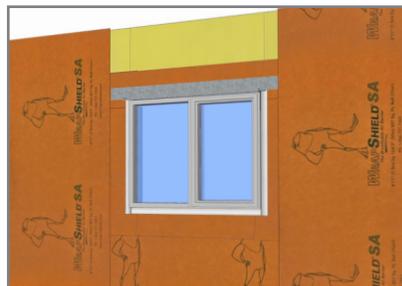
8. Install field membrane vertically to sheathing, maintaining 3" minimum overlap with R.O. flashing, roll to ensure adhesion at seams (overlaps).

9. Install WrapShield SA field membrane over metal head flashing, maintaining 3" minimum overlap to adjacent field membrane. roll to ensure adhesion at seams (overlaps).

*A. To maintain continuity of air barrier system, while allowing for proper drainage at sill, a continuous interior window perimeter sealant joint with backer rod is required.

*B. To determine width dimension of Vapro-SS Flashing required; Measure the depth that the window projects into the rough opening from the exterior face of the wall and add ½".

Cut Patterns

VaproBond or VaproLiqui-Flash ½" tooled fillet bead at each corner where inside of R.O. meets face of sheathing.

Section is adhered to inside of RO, ½" past window

Fold toward back of flashing, creating 1" flap to adhere to RO face
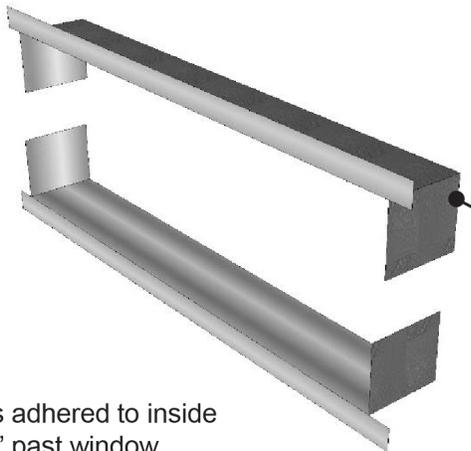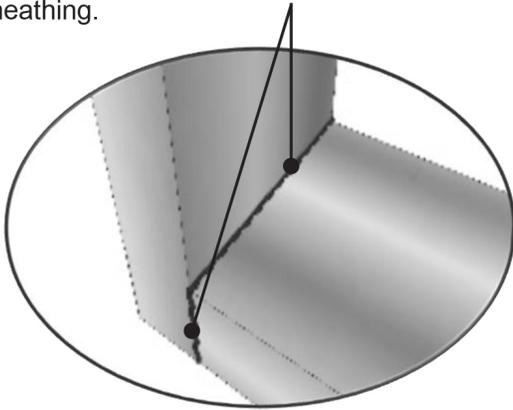
Completed flashing with folds
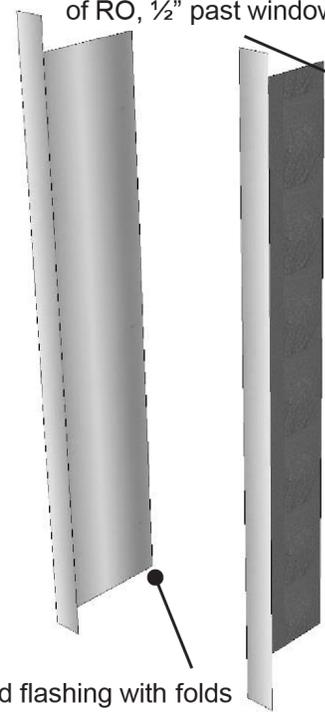
Rough Opening Dimension

Section is adhered to inside of RO, ½" past window
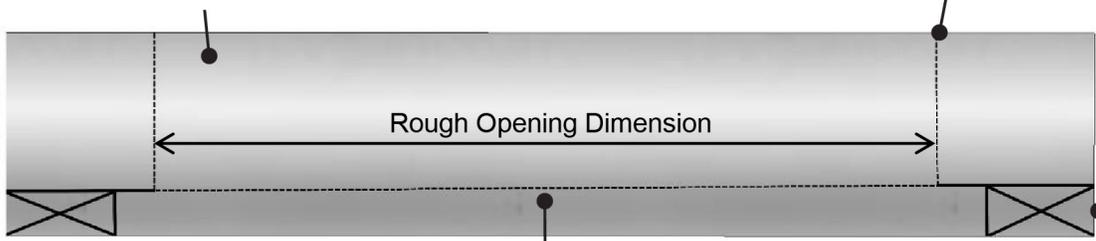
Fold toward face of Flashing 3" from edge

Rough Opening Dimension

1" x 2" rectangle to be cut out, leaving 1" tab extending beyond 3" flap

Fold toward back of flashing, creating 1" flap to adhere to RO face

VAPRO SHIELD®
Breathable Membrane Systems for Roofs & Walls

Through-Wall Applications

Through-Wall Shelf Angle Detail with VaproTermination Bar


WrapShield SA Self-Adhered WRB/Air Barrier

Backup wall construction may vary per design

Mech. fastened VaproTermination Bar w/ cont. bead of VaproBond sealant at top

Typical shelf angle anchored to structure by others

Typical drip edge by others

Air space for drainage

Typical cavity insulation by others

Typical masonry veneer by others

Vapro-SS Flashing
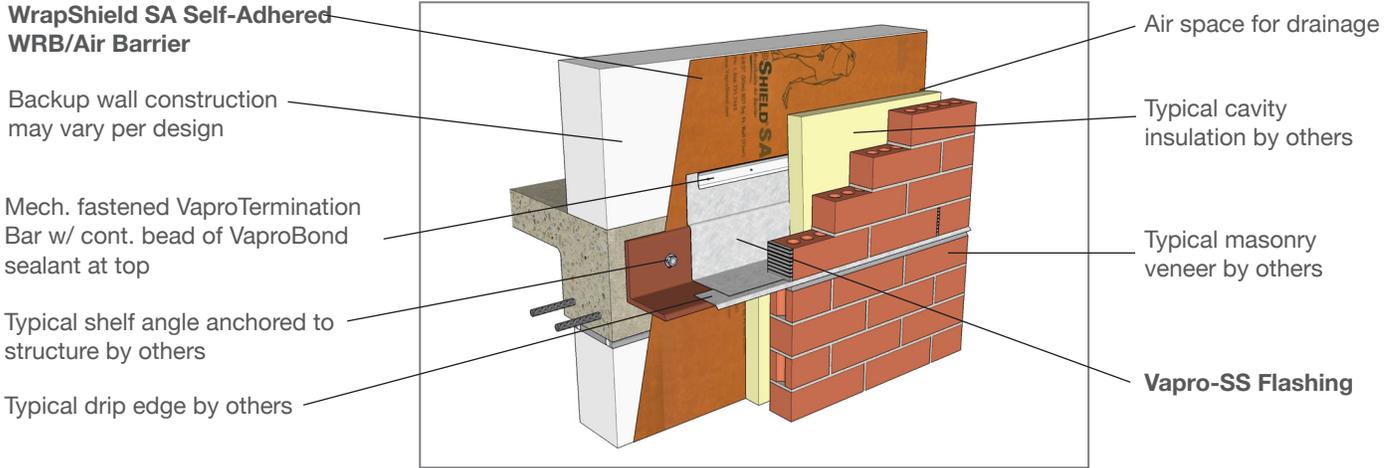
Through-Wall Shelf Angle Detail with Integrated Field Membrane

WrapShield SA Self-Adhered WRB/Air Barrier shingled over Vapro-SS Flashing

Backup wall construction may vary per design

Typical shelf angle anchored to structure by others

Typical drip edge by others

Air space for drainage

Typical cavity insulation by others

Typical masonry veneer by others

Vapro-SS Flashing installed with WrapShield SA Self-Adhered field membrane shingled over top

Low Roof to Wall Detail

Outboard Vapor-permeable insulation

WrapShield SA Self-Adhered WRB/Air Barrier

Air gap behind cladding

Flashing (by others)

Roofing membrane (by others)

3" overlap vertical seams

WrapShield SA laps over flashing

Vapro-SS Flashing shingled under flashing and over roofing membrane