



R-Guard®

AIR & WATER BARRIER

SS ThruWall

R-Guard SS ThruWall, stainless steel fabric flashing, is available in two forms – one for standard use and one for coastal regions – each of which is bonded on one side to a layer of polymeric fabric. SS ThruWall is designed for use with cavity wall, masonry veneer construction, and is compatible with PROSOCO R-Guard® building envelope products.

Use SS ThruWall as part of a building-wide R-Guard air barrier system.

ADVANTAGES

- Made of 60% recycled material – and recyclable itself.
- Non-staining – appropriate for use with limestone.
- Superior puncture resistance and tensile strength.
- Flexible and easy to cut and form by hand.
- Fire resistant – ASTM E 84 tested, Class A material.
- Mold resistant – ASTM D 3273 tested.
- Will not degrade in high temperature application.
- Coastal version available with better chemical resistance to salt corrosion.
- Available in 60-foot rolls in 12-inch, 18-inch, 24-inch, or 36-inch sizes.

Limitations

- Not for below-grade applications.
- Not recommended for permanent exposure.

REGULATORY COMPLIANCE

VOC Compliance

R-Guard SS ThruWall is not regulated under national, state and district VOC regulations.

TYPICAL TECHNICAL DATA

FORM	stainless steel sheet with polypropylene coating, silver/gray color
STAINLESS STEEL	Type 304 SS ThruWall
	Type 316 SS ThruWall Coastal
THICKNESS	7 mils
SPECIFIC GRAVITY	8.8–8.9
VOC CONTENT	not applicable
SHELF LIFE	not applicable

SAFETY INFORMATION

Use personal protective equipment as required. **Gloves are recommended due to sharp edges.**

Always read full label for precautionary instructions before use. Use appropriate safety equipment and job-site controls during application and handling.

24-Hour Emergency Information:
INFOTRAC at 800-535-5053

Product Data Sheet

R-Guard SS ThruWall

PREPARATION

All masonry surfaces receiving through-wall flashings must be free from loose materials, and reasonably smooth. Measures must be taken to ensure free drainage of water to the exterior surfaces of the wall. All work should be executed in conformance with accepted trade practices.

Surface and Air Temperatures

Surface and ambient temperatures should be 40° F (4° C) and rising and below 110° F (43° C) during application and drying.

Equipment

Handle with gloves due to sharp edges.

Storage & Handling

Store in a cool, dry place. Maintain temperature of 40–110° F (4–43° C). Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

APPLICATION

Read “Preparation” and all Safety Information before use.

ALWAYS TEST each surface for desired adhesion results before starting overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application. Let test application dry thoroughly before performing adhesion tests.

Packaging & Accessories

Use as packaged. Do not use for applications other than specified.

Stainless Steel Fabric Flashing

(both standard & coastal version)

- 12 inches x 60 feet
- 18 inches x 60 feet
- 24 inches x 60 feet
- 36 inches x 60 feet

Termination Bar:

1 inch wide x 8 feet long with top sealant lip, 1/4 inch holes every 8 inches (24 gauge), 25 per box

Stainless Steel End Dam:

4 inches x 4 inches x 4 inches / 100 per box

Stainless Steel Inside Corner:

4 inches x 6 inches x 6 inches / 100 per box

Stainless Steel Outside Corner:

4 inches x 10 inches x 6 inches / 50 per box

Standard Clear Weep Vent:

3/8 inch x 1/2 inch x 3-3/8 inch / 200 per box

Drip Edge:

3 inches x 8 feet with 30° 1/4-inch lip / 35 per box

Application Instructions

Provide proper drainage for all flashing installed through masonry veneer. Weep vents should be in the head joints on the first course immediately above the through-wall flashing. Take precautions to keep weep vents free of mortar droppings with weep vent protection materials pursuant to accepted trade practices.

NOTE: R-Guard SS ThruWall is wet-set with *either* R-Guard FastFlash® or R-Guard Joint & Seam Filler. References to FastFlash® below can be substituted with Joint & Seam Filler instead.

Horizontal Masonry Surfaces: Apply a bead of FastFlash® to the masonry surface. Wet-set SS ThruWall into the FastFlash® and top with a bed of mortar. Recess through-wall flashing on exterior masonry to protect from permanent UV exposure.

Vertical Masonry Surfaces: Spot surface with FastFlash® until masonry is set. Use Termination Bar to fasten SS ThruWall to the back wall. Apply a bead of FastFlash® to the top edge of the Termination Bar and tool and seal the joint using a dry trowel or spatula. Create a profile that directs bulk water away from the joint. Allow product to skin over.

Foundation Sill Flashing

1. Apply a bead of FastFlash® to the masonry surface.
2. Wet-set SS ThruWall in the FastFlash® and top with a bed of mortar.
3. Recess flashing on the exterior face of the masonry and turned up on the inside not less than 2-inches or be carried upward across the cavity a minimum of 6-inches.
4. Secure to the back wall with Termination Bar and FastFlash®. Where sill and column meet, bring flashing up the column a minimum of 10-inches.

Cavity Wall Flashing: Wet-set SS ThruWall in FastFlash® and top with mortar. Recess flashing on the exterior face of the masonry wall and across the cavity, upward a minimum of 8-inches and secure to the back wall.

Spandrel Flashing: Start from the outside toe of the shelf angle. Apply a bead of FastFlash® and wet-set SS ThruWall. Top with mortar. Proceed up the vertical face of the beam and then turn up on the inside not less than 2-inches.

Product Data Sheet

R-Guard SS ThruWall

Parapet or Copings: Wet-set SS ThruWall in FastFlash® and top with mortar. Recess flashing on the exterior face of both sides of the wall.

Head and Sill Flashing: Recess SS ThruWall on the outside of the wall or lintel angle, then carry up the wall as indicated. Extend flashing 6-inches beyond each side of the opening and turn up at the sides forming a pan. **NOTE: All end dams shall be folded, not cut.**

Other Areas: All membrane flashing at other locations shall be installed in accordance with accepted trade practices and/or as indicated by project drawings.

Joining of Materials: Lap the SS ThruWall a minimum of 6-inch. Apply a bead of FastFlash® immediately above and below the edges. Use a dry joint knife, trowel or chipper brush to spread the wet product to create a seamless membrane. Use enough FastFlash® to create an opaque, monolithic flashing membrane free of voids or pinholes.

Cleanup

For tools and equipment used to apply FastFlash® or Joint & Seam Filler, clean with mineral spirits or similar solvent immediately after use. Follow all safety precautions. Remove cured material mechanically using a sharp-edged tool.

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions

and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.** The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care – technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our website at www.prosoco.com, for the name of the PROSOCO representative in your area.

BEST PRACTICES

All work should be executed in conformance with accepted trade practice.

Provide proper drainage for all flashing installed through masonry. Weep vents should be in the head joints on the first course immediately above the flashing. Take precautions to keep weep vents free of mortar droppings with weep vent protection materials pursuant to accepted trade practice.

All end dams shall be folded, not cut.

R-Guard SS ThruWall is wet-set with either R-Guard FastFlash® or Joint & Seam Filler.

Use personal protective equipment as required. **Gloves are recommended due to sharp edges.**

Illustrations depicting the use of PROSOCO R-Guard® products are available at www.prosoco.com by downloading the R-Guard Installation Guidelines.

To schedule field technical support, contact your PROSOCO Technical Customer Care at 800-255-4255. Field visits by PROSOCO personnel are for the purpose of making technical recommendations only. **PROSOCO is not responsible for providing job-site supervision or quality control.** Proper application is the responsibility of the applicator.