Wall Guardian Self Adhering Stainless Steel Flashing

Product Description

Wall Guardian Self Adhering Stainless Steel Flashing has been designed with a flexible 2 mil sheet of type 304 stainless steel, 8 mils of butyl adhesive and a siliconized release liner. Wall Guardian Self Adhering Stainless Steel Flashing offers best in class puncture and tear resistance. It can be applied from 20˚ F to 170˚ F and stays stable and air tight from -70˚ F to 250˚ F. Wall Guardian Self Adhering Stainless Steel Flashing is compatible with the majority of air barriers, sealants, insulations, below grade waterproofing and roofing membranes, which makes it a terrific transition flashing. Excellent bond to a variety of substrates like OSB, exterior gypsum, plywood, concrete, metals and air barrier materials. Wall Guardian Self Adhering Stainless Steel Flashing passes both Mold Resistance (ASTM 3273,) and Fire Resistance (ASTM E 84, Class A) testing.

Basic Use

Wall Guardian Self Adhering Stainless Steel Flashing is used as a through-wall flashing, a transition membrane for air barriers/roofing/waterproofing, curtain wall perimeter flashing, lap tape for through-wall flashing, repair tape for flashing and air barriers, window and door pans, and as a roof to parapet flashing. Wall Guardian Self Adhering Stainless Steel Flashing is rated best in class for puncture resistance and tensile strength. It is flexible and easily formed by hand at the jobsite.

Surface Preparation

All surfaces must be clean and dry, free of loose rust, dirt, dust, and talc. Oil, grease and other contaminates should be removed with suitable solvent/cleaner. Avoid placing the adhesive side of the Wall Guardian Self Adhering Stainless Steel Flashing with other materials that are high in plasticizer contents.
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

Cut the desired length of Wall Guardian Self Adhering Stainless Steel Flashing and remove release sheet. Position into place and apply positive pressure using a roller (avoid blisters or wrinkles). Overlap all joints a minimum of 2". Avoid placing the adhesive of the Wall Guardian Self Adhering Stainless Steel Flashing with other materials that have high plasticizer contents. If necessary, prime substrate with 3M Super 77.

Through-Wall Flashing:
Install where indicated, specified, or required in accord with flashing manufacturer's written instructions and as follows:
Extend flashing 6" minimum beyond opening. Fold flashing ends at end of openings or horizontal flashing terminations to form end dam or use pre-manufactured units made of 26 gauge stainless steel. Flashing width, required to start flush with outside face of exterior wythe, extending through cavity, rising height required to extend above lintel steel at least 2". Splice end joints by overlapping them a minimum of 2" and seal with a compatible sealant or metal splice tape.

Masonry Back Up:
Surface apply after dampproofing installation specified in Damp proofing/Air Barrier Section in accord with manufacturer's installation instructions. Fasten to masonry back-up surface at top by embedding in layer of sealant or use a non-corrosive termination bar and fasten it to the backer wall at the top edge of the flashing and seal the top edge with compatible sealant or use a termination clamp, which is embedded in the block back up wall.

Concrete Back Up:
Surface apply after damp proofing/air barrier installation specified in damp proofing Section in accord with manufacturer's installation instructions. Fasten to concrete surface at top by embedding in layer of sealant or use a non-corrosive termination bar and fasten it to the backer wall at the top edge of the flashing and seal the top edge with a compatible sealant.

Stud Back Up with Sheathing:
Fasten to stud back-up at top by embedding in layer of sealant or use a non-corrosive termination bar

and fasten it to the backer wall at the top edge of the flashing and seal the top edge with a compatible sealant. Leave ready for air barrier installation lapping flashing top installed in another section. Fold ends of flashing at end of opening to form dam; seal with polyether sealant or use purchased manufacturer's preformed end dams.

Inside and outside corners: Make in industry accepted manner using corner and splice material or purchase manufactured corners from manufacturer. Use stainless steel or copper drip edge in any location that the underside of the flashing will be exposed and/or deemed necessary by the design professional or AHJ on the project. Cover flashing within a few days of installation to protect it from damage from the different trades, the environment and falling debris. If flashing is left unprotected and it is punctured, torn, or has loose scrim you should contact the manufacturer for repair instructions.

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

Primer:
Not necessary in most applications, when applied to a clean dry surface. Field test surfaces to ensure appropriate adhesion. On surfaces that need additional adhesion, prime surface with solvent or emulsion base primer. Allow primer to dry completely before installing Wall Guardian Self Adhering Stainless Steel Flashing

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

Technical Services
Technical advice on use of material for specific application and end use requirements is available from the manufacturer. Material Safety Data Sheet (MSDS) should be consulted for further information. This product is for industrial and professional use only.

Warranty
This product is manufactured of good materials and by competent workmen. Seller's and Manufacturer's only obligations shall be to replace such quantity of product as is proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising from the use or the inability to use the product. Before applying, Applicator shall determine the suitability of the product for his/her intended use; and user assumes all risk and liability.

Testing Results

Base Material	Stainless Steel
Application Temperature	20°F to 170°F
Adhesion PSTC-1	20 psi
Fire Resistant ASTM E84	PASS Class A,
Mold Resistant ASTM 3273	PASS
Tensile Strength ASTM D882	100,000 psi
Puncture Resistance ASTM E154	2,500 psi

Packaging:
Available in 4", 6", 9", 12", 18", 24", 36"
Length: 20' and 50'