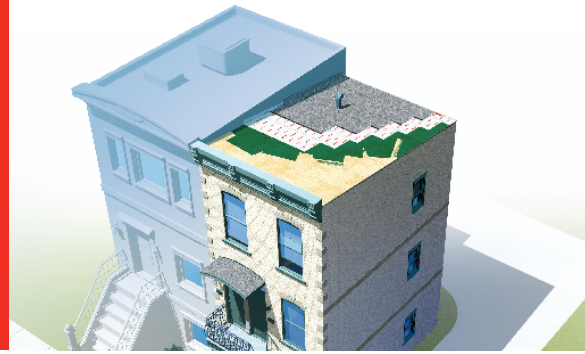


SELF-ADHERED WATER- PROOFING MEMBRANE (ROOFING)

BASIC WATERPROOFING MEMBRANE



Self-adhesive membrane mainly used as an underlay in a two-layer roofing system as well as for waterproofing foundations, shower bases and washrooms.

- Versatile for a variety of applications
- Excellent resistance to temperature variations
- Excellent tear resistance

PRODUCT PURPOSE

Application	Waterproofing	
Building Part	Roofing	
Types of Slope	Outside very low slope	
Type of Coating	Bitumen membrane	
Substrates	Plywood	OSB
	Asphaltic panel	Aluminum

PRODUCT CHARACTERISTICS

Technology	SBS modified bitumen
Surface	Trilaminate woven polyethylene
Underface	Silicone release film
Installation Method	Self-adhesive
Operating Temperatures	-40 °C to 90 °C (-40 ° to 194 °F)
Maximum exposure	90 days





PROPERTIES

Properties	STANDARDS	BASIC WATERPROOFING MEMBRANE
Thickness	-	1.5 mm (60 mils)
Tensile Strength, MD/XD	ASTM D5147	11.3 / 15.4 kN/m (64 / 88 lbf/in)
Ultimate Elongation, MD/XD	ASTM D5147	52 / 24%
Tear Resistance, MD/XD	ASTM D5601	375 / 400 N (84 / 90 lbf)
Static Puncture	ASTM D5602	400 N (90 lbf)
Lap Adhesion	ASTM D1876	2000 N/m (11.4 lbf/in)

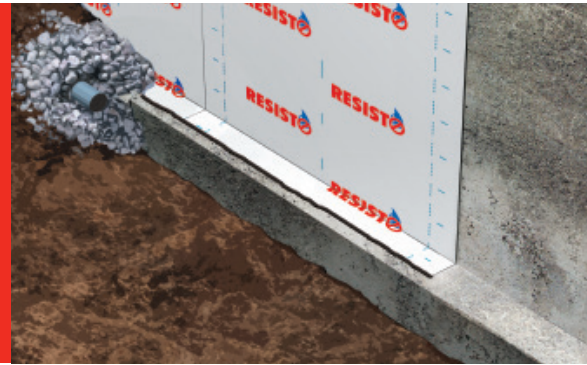
For CCMC product evaluation in compliance with CGSB 37-GP-56M, see CCMC Evaluation Listing #13288-L.
For Foundations Applications, see CCMC Evaluation Listing #13562-R.
(All values are nominal)

SELF-ADHERED WATERPROOFING MEMBRANE (ROOFING)

INSTALLATION

Storage	Rolls should be stored upright, tape side up. If the products are stored outdoors, cover them with an opaque protective cover after removing the delivery packaging. Can withstand freezing but must be reactivated to at least 10 °C before installation.	
Minimum Application Temperature	11 °C (52 °F) -10 °C (14 °F) for the cold temperature version	
Required Products	EXTERIOR PRIMER	OR H ₂ O PRIMER
	OR PRIMER LOW VOC	
Tools Required	 Smoothing roller	 Roller
	 Tape measure	 Knife
Surface Preparation	The substrate must be clean, dry and free of dust, grease or other contaminants.	
Installation	<ol style="list-style-type: none"> 1. Prime the substrate with EXTERIOR PRIMER or H2O PRIMER. 2. The first membrane strip should have a width of 50 cm to offset the joints of the first layer with those of the HR FINISH MEMBRANE that will be placed later. 3. Position and unroll the membrane parallel to the edge of the roof, leaving about 2,5 cm (1 in) at the front where the gutter will be installed. If the gutter is in place, install the membrane from the roof edge. 4. Remove the underface protective film for a length of about 30 to 40 cm (12 to 15 in), fold this protective film at a 45 degrees angle. attach the exposed part to the support. 5. While applying pressure to the other end of the membrane, gradually pull back the protective film using a scrubbing brush (or other accessory), secure the support membrane to the support while continuing to remove the protective film. First adhere the membrane in the center, and then to each side. 6. Continue applying pressure on the membrane using a heavy roller to ensure adhesion between the support and the membrane and avoiding the formation of bulges, folds or gap. <p>Note: The transverse overlap should be 150 mm (6 in) and a longitudinal overlap of 100 mm (4 in).</p> <p>Refer to ROOF SYSTEM INSTALLATION for waterproofing membrane installation to roof details and upstands.</p>	
Tricks / Tips	For use in a two-layer roofing system, SELF-ADHERED MEMBRANE SEALER must be covered by HR RESISTO FINISHING MEMBRANE on the same day. In the event of a delay of several days between the application of the two membranes, BASIC MEMBRANE SEALER must be cleaned, dried and primed with the OUTSIDE PRIMER before installing the FINISHING MEMBRANE HR.	
Recommendations/ Limitations	It is not recommended to use a product containing bitumen directly on softwood boards or flexible polyvinyl chloride.	
Warnings	Should be stored upright, protected from weather damage and UV rays	

FOUNDATION WATERPROOFING MEMBRANE



Self-adhesive waterproofing membrane composed of SBS modified bitumen and a tri-laminated woven polyethylene facer used on foundation walls.

- High tensile strength and puncture resistance
- Greater flexibility
- Consistent thickness

PRODUCT PURPOSE

Application	Waterproofing	
Building Part	Foundation	
Substrates	Concrete	Masonry block
	PWF	

PRODUCT CHARACTERISTICS

Technology	SBS modified bitumen
Surface	Trilaminated woven polyethylene
Underface	Silicone release film
Installation Method	Self-adhesive
Operating Temperatures	-40 °C to 60 °C (-40 ° to 140 °F)
Maximum exposure	90 days






PROPERTIES

Properties	STANDARDS	BASIC WATERPROOFING MEMBRANE
Thickness	-	1.5 mm (60 mils)
Tensile Strength, MD/XD	ASTM D5147	11.3 / 15.4 kN/m (64 / 88 lbf/in)
Ultimate Elongation, MD/XD	ASTM D5147	40 / 25%
Tear Resistance, MD/XD	ASTM D5601	375 / 400 N (84 / 90 lbf)
Static Puncture	ASTM D5602	400 N (90 lbf)
Lap Adhesion	ASTM D1876	2000 N/m (11.4 lbf/in)
Water vapour permeance	ASTM E96 (Procedure B)	< 2.5 ng/Pa•s•m ² (< 0.04 perm)

For CCMC product evaluation see CCMC Evaluation listing #13560-R
(All values are nominal)

SELF-ADHERED WATERPROOFING MEMBRANE (FOUNDATION)

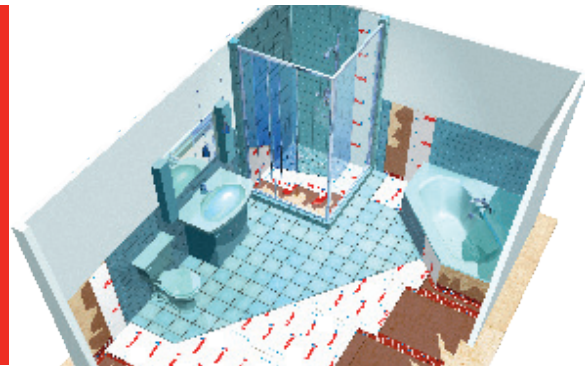
INSTALLATION

Storage	Rolls should be stored upright, tape side up. If the products are stored outdoors, cover them with an opaque protective cover after removing the delivery packaging. Can withstand freezing but must be reactivated to at least 10 °C (50 °F) before installation.		
Minimum Application Temperature	10 °C (50 °F) -10 °C (14 °F) for the cold temperature version		
Products Required	EXTERIOR PRIMER	OR H ₂ O PRIMER	
	OR PRIMER LOW VOC	AND BLACK ELASTOMERIC SEALANT	
Tools Required	 Smoothing roller	 Roller	
	 Trowel	 Paint brush	
	 Knife		
Surface Preparation	The substrate must be clean, dry and free of dust, grease or other contaminants.		
Installation	<ol style="list-style-type: none"> 1. Prime the substrate with EXTERIOR PRIMER or H₂O PRIMER. 2. Install a gusset (small cut of membrane) on all interior or exterior corners of the foundation that will be covered by the SELF-ADHERED MEMBRANE SEALER. 3. Measure the height of the foundation to be covered (10 cm or 4 in under the ground level) and cut a membrane strip of this dimension, then cut that part in half to get two strips which will be used to cover the corners. 4. Cover the corners of the foundation laying a membrane strip to reinforce the inside or outside angles from the foundation. It is important to position the membrane by sticking one side at a time. 5. Begin installation of the membrane from one corner, from the top down. 6. Remove a 10 cm (4 in) piece of the paper back from the underface to adhere the upper portion of the membrane to the support. This will allow the membrane to stick to the foundation by itself. 7. Continue to remove the protective film and press the membrane well, with a rubber roller, to increase adhesion. 8. Provide an overlap of 10 cm (4 in) between each membrane edge (a dotted line on the membrane indicates the overlap area). 9. At the bottom of the wall, the membrane must cover 2/3 of the footing. 10. To complete the seal, apply ELASTOMERIC SEALER at the top of the membrane around the foundation and at the bottom of footing to prevent water infiltration. 		
Tricks / Tips	In the case of rocky or clay soils, a protective panel such as a rigid insulation panel must be installed before backfilling (such as SOPRA-XPS). If the substrate is concrete, ensure that the curing period is sufficient before installing the membrane. To install a dimpled membrane over the SELF-ADHERED WATERPROOFING MEMBRANE please contact the RESISTO technical service.		
Recommendations/ Limitations	<p>It is not recommended to use a product containing bitumen directly on softwood boards or flexible polyvinyl chloride.</p> <p>When waterproofing foundation, backfill should be free of debris to ensure proper water drainage towards the drain. It is the sole responsibility of the user to ensure that the products are installed according to the applicable Building Codes and the requirements of local authorities.</p>		

RESISTO

SELF-ADHERED WATER- PROOFING MEMBRANE (INTERIOR APPLICATION)

BASIC WATERPROOFING MEMBRANE



Self-adhesive membrane mainly used as an underlay in a two-layer roofing system as well as for waterproofing foundations, shower bases and washrooms.

- Versatile for a variety of applications
- Excellent resistance to temperature variations
- Excellent tear resistance

PRODUCT PURPOSE

Application	Waterproofing	
Building Part	Showers	
Substrates	Wood	Fiber cement
	Concrete	Gypsum

PRODUCT CHARACTERISTICS

Technology	SBS modified bitumen
Surface	Trilaminate woven polyethylene
Underface	Silicone release film
Installation Method	Self-adhesive
Operating Temperatures	-40 °C to 90 °C (-40 ° to 194 °F)
Maximum exposure	90 days

PROPERTIES






Properties	STANDARDS	BASIC WATERPROOFING MEMBRANE
Thickness	-	1.5 mm (60 mils)
Tensile Strength, MD/XD	ASTM D5147	11.3 / 15.4 kN/m (64 / 88 lbf/in)
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Lap Adhesion	ASTM D1876	2000 N/m (11.4 lbf/in)

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For Foundations Applications, see CCMC Evaluation Listing #13562-R.
(All values are nominal)

RESISTO

SELF-ADHERED WATERPROOFING MEMBRANE (INTERIOR APPLICATION)

INSTALLATION

Storage	Rolls should be stored upright, tape side up. If the products are stored outdoors, cover them with an opaque protective cover after removing the delivery packaging. Can withstand freezing but must be reactivated to at least 10 °C (50 °F) before installation.		
Minimum Application Temperature	10 °C (50 °F)		
Required Products	H ₂ O PRIMER	AND REDZONE	
Complementary products	ELASTOMERIC SEALANT		
Tools Required	 Smoothing roller	 Roller	
	 Tape measure	 Paint brush	
	 Knife		
Surface Preparation	<ol style="list-style-type: none">1. Apply a layer of H₂O PRIMER on a clean, dry surface, free of dust, grease or other contaminants.2. First apply a REDZONE reinforcing strip to seal the joint between the wall and the floor at 5 cm on each surface.3. Install reinforcing strips of REDZONE where the SELF-ADHERED WATERPROOFING MEMBRANE overlaps will be.		
Installation	<ol style="list-style-type: none">1. Cut and properly position the membrane on the surface to be covered starting at the edge of the wall.2. Remove a 10 cm (4 in) piece of the protective sheet then press the membrane in place.3. Continue to remove the protective film and smoothen the membrane with a rubber roller to increase adhesion.4. Each edge is placed side by side on the REDZONE joint reinforcement already in place.5. If necessary, apply a joint of ELASTOMERIC SEALER to complete the seal.6. Apply the same way on the walls to be covered with ceramic. It is recommended to mechanically fix the membrane at the top of each edge with three nails (shingle nails).		
Tricks / Tips	To install ceramic on the SELF-ADHERED WATERPROOFING MEMBRANE, use a polymer-modified mortar adhesive. Choose products meeting or exceeding the standard ANSIA118.4. Wait a minimum of 72 hours before applying the grout.		
Recommendations/ Limitations	It is not recommended to use a product containing bitumen directly on softwood boards or flexible polyvinyl chloride.		

