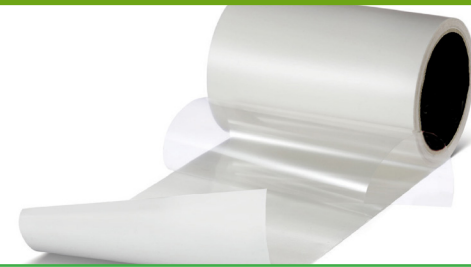


VaproFlashing SA

a self-adhered air, water and vapor barrier flashing
 Product No. 12" 42506090, 6" 42504890, 4" 42504590



Product Description

VaproFlashing SA is a self-adhered durable, air, water, and vapor barrier flashing with an aggressive pressure-sensitive adhesive.

BASIC USE

VaproFlashing SA is designed for use as a rough opening or transition flashing providing a barrier against water, air and moisture infiltration.

MATERIALS

Polypropylene film with a PET split-back release film.

BENEFITS

Impermeable to air, moisture vapor, and water.

12 month UV and weather exposure makes membrane ideal for long-term projects.

All weather installation membrane can be applied in virtually all weather conditions including below freezing 20°F (-6.6°C) and rising.

Durable, tear resistant, and flexible at low temperatures.

Compatible with many building sealants: no adverse reaction with synthetic rubber, butyl, polyurethane, silicone and silane terminated hybrid sealants.

Multi-layer elastomeric film seals around nails and staples to prevent moisture intrusion.

Ensures crew safety and a healthy building, no VOC exposure, no primers, or protective gear required for installation.

Compatibility

- Exterior Gypsum Sheathing
- Rigid Insulation
- OSB
- Concrete
- Brick
- Plywood
- Metal (Steel, Aluminum)
- Fiberglass Window and Door Frames
- Wood Blocking

Installation

STORAGE AND HANDLING

Store material rolls on end in original packaging. Protect rolls from direct sunlight and inclement weather until ready for use.

PREPARATION

All surfaces must be dry, sound, clean, "as new" condition, and free of oil, grease, dirt, excess mortar, or other contaminants detrimental to the adhesion of the water resistive air barrier membrane and flashings.

Fill voids and gaps in substrate greater than 7/8 inch (22.2 mm) in width to provide an even surface.

INSTALLATION

Use roller to activate pressure-sensitive adhesive.

Best practice is to cover flashing as soon as practical.

DETAILS

Visit www.VaproShield.com for complete installation instructions and details.

LIMITATIONS

VaproFlashing SA should be covered within 12 months of installation. Minimum recommended application temperature of 20°F (-6°C) and rising. VaproFlashing SA is installed on most substrates without primer. Specific jobsite conditions may require additional surface preparation with primer, contact VaproShield Technical.

Availability

VaproShield products are available throughout North America, Central and South America, and New Zealand.

Warranty

A 20-year material warranty is available.

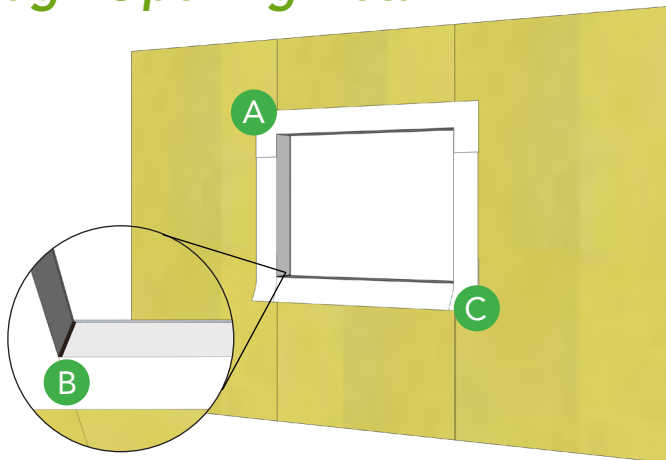
Technical Data

PHYSICAL PROPERTIES	
PROPERTY	RESULT
Color	White
Size	12" x 100', 100 S/F (.3m x 30.5m, 9.3 S/M), 8 lbs (3.6 kg) 6" x 100' (0.15m x 30.5m) 50 S/F (4.6 S/M), 4 lbs (1.8 kg) 4" x 100' (0.10m x 30.5m) 33.3 S/F (3.1 S/M), 3 lbs (1.4 kg)
Thickness	0.33 mm (13 mil)
Packaging	Individual Wrapped Rolls
UV Exposure	365 Days
Application Temperature	20°F (-6.6°C) - 180°F (82°C)
Service Temperature	-30°F to 200°F (-34°C to 93°C)
Warranty	20 year material warranty

PRODUCT DATA SHEET

VaproFlashing SA Product No. 12" 42506090, 6" 42504890, 4" 42504590

Rough Opening Detail



- A** Install VaproFlashing SA directly to the sheathing and fold inside the rough opening.
- B** Tool a bead of VaproBond or other VaproShield approved sealant at all corner seams.
- C** Release film from the bottom of the flashing to be left attached for shingling over membrane.

TESTING DATA

PROPERTY	STANDARD	RESULT
Strength		
Cold Temperature Pliability	ASTM C765 Standard Test Method for Low-Temperature Flexibility of Preformed Tape Sealants	MD: PASS (no cracking) XMD: PASS (no cracking)
Ultimate Tensile Strength	ASTM D882 Standard Test Method for Tensile Properties of Thin Plastic Sheeting	MD - 12.13 MPa (1759.95 psi) XMD - 13.80 MPa (2001.98)
Elongation at Break	ASTM D882 Standard Test Method for Tensile Properties of Thin Plastic Sheeting	MD - 1099.95% XMD - 1034.95%
Tear Resistance	ASTM D1922 Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method. Gram Force or Millinewton.	MD - 9.51 N (969.6 gf) XMD - 13.36 N (1362.56 gf)
Wetting Tension	ASTM D2578 Standard Test Method for Wetting Tension of Polyethylene and Polypropylene Films	Outside - 48 dynes/cm Inside - 48 dynes/cm
Breaking Strength	ASTM D3759 Standard Test Method for Breaking Strength and Elongation of Pressure-Sensitive Tape	AAMA 711 PASS \geq 5.71 lbf/in. 1.92 N/mm (11 lbf/in.)
Elongation at Break	ASTM D3759 Standard Test Method for Breaking Strength and Elongation of Pressure-Sensitive Tape	431%
Thermal Cycling 90° Peel Adhesion 24 hours	AAMA 711 Section 5.5 Elevated Temperature Exposure	Accelerated Aging with UV Exposure: No objectionable appearance Elevated Temperature Exposure, Level 3 176°F: No objectionable appearance Thermal Cycling: No objectionable appearance Water Immersion: No objectionable appearance
90° Peel Adhesion	AAMA 711 Annex A	PASS: Elevated Temperature Exposure, Level 3 176°F: No signs of peeling of the flashings from the substrate or any signs of buckling or rippling of the flashings.
Adhesion Testing		
Post-Conditioning 90° Peel Adhesion	ASTM D3330 Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape. Method F	AAMA 711 PASS \geq 1.5 lbf/in. Accelerated Ageing with UV Exposure: 841 N/m (4.8 lbf/in) Elevated Temperature Exposure, Level 3 176°F: 753 N/m (4.3 lbf/in) Thermal Cycling: 1051 N/m (6.0 lbf/in) Water Immersion: 1016 N/m (5.8 lbf/in)
90° Peel Adhesion	AAMA 711 (ASTM D3330 method F)	OSB (APA PS-2, Exposure 1, Smooth Side Out): 368 N/m (2.1 lbf/in) Aluminum (anodized-AAM12C22A41): 998 N/m (5.7 lbf/in) Vinyl: 490 N/m (2.8 lbf/in) Plywood (APA PS-1, Exposure 1): 368 N/m (2.1 lbf/in) Own facing material: 1191 (6.8 lbf/in)
90° Peel Adhesion	AAMA 711 Section 5.3 (ASTM D3330 method F) PASS \geq 0.26 N/mm (1.5 lbs/in)	PASS \geq 0.26 N/mm (1.5 lbs/in)