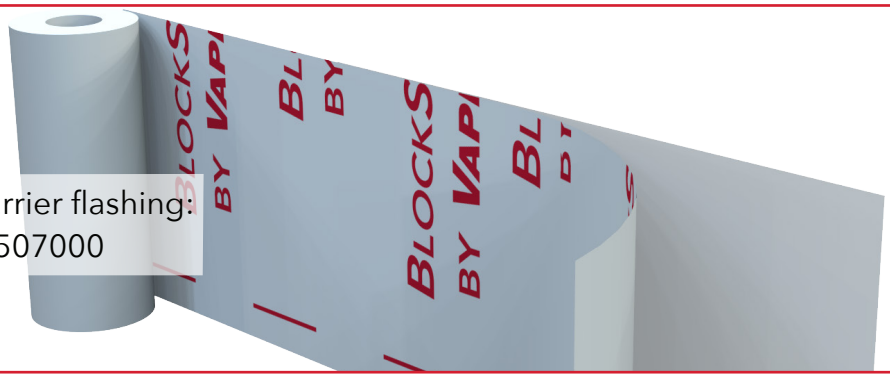
BlockFlashing™

a self-adhered air, water, and vapor barrier flashing:
Product No: 42505000, 42505500, 42507000



Product Description

BlockFlashing is a self-adhered, non-asphaltic, durable, air, water, and vapor barrier flashing with an aggressive pressure-sensitive adhesive that does not require a primer and is easily applied to most construction substrates.

BASIC USE

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

MATERIALS

BlockFlashing consists of a proprietary film with a pressure-sensitive adhesive.

BENEFITS

Impermeable to air, moisture vapor, and water.

Non-asphaltic product

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 without the use of primer.

Durable, tear resistant, and flexible at low temperatures.

Various roll widths allow for application flexibility.

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.

STORAGE AND HANDLING

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

DETAILS

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

Compatible Substrates

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

Contact VaproShield Technical – if you have additional substrate or technical questions.

Availability

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

Warranty

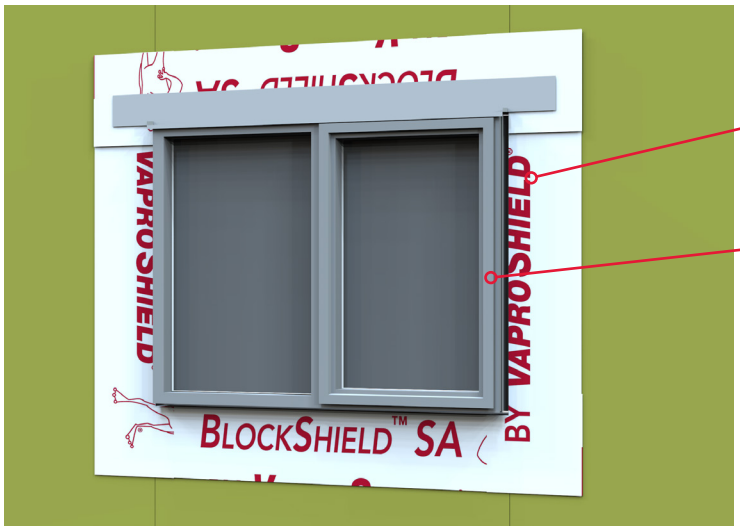
A 20-year material warranty is available.

Technical Data

PHYSICAL PROPERTIES	
PROPERTY	RESULT
Color	White
Thickness	0.26 mm (10.2 mil)
Membrane Weight	289 g/m² (0.95 oz/yd²)
Primer	No Primer Required
VOCs	None
Field Exposure Before Permanent Cladding	12 months
Minimum Application Temperature	20°F (-6.6°C) - 180°F (82°C)
Service Temperature	minus 40°F (-40°C) - 200°F (93.3°C)
AAMA 711-13	Compliant
Warranty	20 years

BlockFlashing		
Product	Part No.	Roll Sizes
BlockFlashing Roll 	42505000	6 ½" x 100' (54 S/F) (.17m x 30.5m, 5 S/M)
	42505500	11 ¾" x 100', 98 S/F (.3m x 30.5m, 9.1 S/M)
	42507000	14 ¾" x 100', 123 S/F (.37m x 30.5m, 11.4 S/M)

Air, Water and Vapor Barrier Flashing System



BlockFlashing properly shingled and applied directly to the sheathing

Window with sealant joint and backer rod (by others)

PREPARATION AND INSTALLATION

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. Use roller to activate pressure- sensitive adhesive. Best practice is to cover flashing as soon as practical.

TESTING DATA		
PROPERTY	STANDARD	RESULT
Strength		
Dry Tensile Strength	ASTM D882 Standard Test Method for Tensile Properties of Thin Plastic Sheeting	XMD - 3.85 N/mm (22 lbf/in)
Dry Breaking Force (Grab method) MD ≥40 XMD ≥35	ASTM D5034 Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)	MD – 338 N (76 lbsf) CD – 356 N (80 lbsf)
Cold Mandrel Bend Test	AC38 Section 3.3.4	PASS
Weathering Tests	AC38 Section 4.1.2 UV Exposure AC38 Section 4.1.3 Accelerated Aging	PASS
Minimum Puncture Resistance	ASTM E154 Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover	56 lbf (249 N)
Water Vapor Transmittance		
Water Vapor Transmission Using Modulated Infrared Sensor	ASTM F1249 Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor	0.0193 Perm (grain/h•ft^2•inchHg) 1.10 ng/Pa•s•m^2
Adhesion Testing		
Adhesion after Water Immersion	AAMA 711	PASS
Water Resistance Testing		
Water Resistance (Control after Weathering)	AATCC 127 Hydrostatic pressure test (550 mm water column for 5 hours), American Association of Textile Chemists and Colorists	PASS
Fire Testing		
Flame Spread Smoke Developed	ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials	Flame Spread 5 Smoke Developed 15