

WATERPROOF FLASHING MEMBRANE 40mil

Product Description

Composed of premium grade SBS modified bitumen laminated between a super strong, yet very flexible, UV resistant woven polyethylene complex on the face side, and a silicon release, siliconized plastic release film on the back side. Creates the **MOST VERSATILE SELF SEALING Waterproof Flashing Membrane AVAILABLE**, allowing for both **STICK ON** or **NAIL ON** installations.

Availability

Sizes:
4", 6", 9", 12", 18", and 36" Roll Widths by 75' length

Thickness:
40 mil

Core Types

SUMMER:
Best adhesion Temp 50°F or above,
Service Temp to 194°F

WINTER:
Best adhesion Temp 14°F or above,
Service Temp to 194°F

Health and Safety

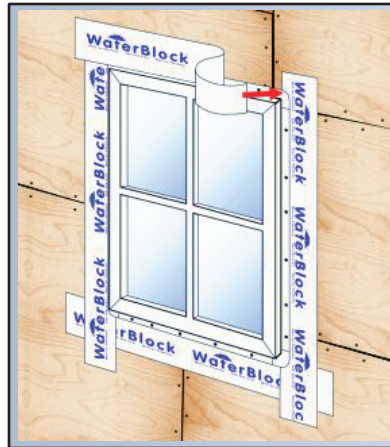
Please refer to the MSDS for First Aid Information. Most current MSDS's can be found on the WaterBlock website at www.waterblocksystems.com or call customer service at 1-888-610-2151.

Warranty (10 year Limited)

Please refer to the warranty on our website at www.waterblocksystems.com for more detailed information on our 10 year limited warranty.

Manufacturer

International Building Components, Inc.
21428 Woods Creek Road
Monroe, WA, 98272 USA
Telephone - (360)794.2151
Fax - (360)863.8434
Toll Free - 1.888.610.2151
Web - www.waterblocksystems.com



FEATURES

Top Face
Polyethylene
Woven Complex

Core
Premium grade
S.B.S modified bitumen

Under Face
Release silicone film

BENEFITS

Superior strength and tear resistance
Very Flexible (Makes flashing tough areas easy)
Stays Flexible even at cold temperatures
Superior UV Resistance (120 day exposure)

Higher service temperatures
194°F on summer and winter grade products
Self sealing around most fasteners
Excellent adhesion to most surfaces

Release silicone film
Allows for nail on or peel and stick installations
Slit Release Film. Peel off any width for fast & easy installations
Fast and easy continuous release
Does not rip and tear like release paper
Inorganic film eliminates a potential source for mold and mildew

Properties

Properties	Standards	40mil
Thickness	-	40mil
Dimension	-	4", 6", 9", 12", 18", 36" x 75'
Storage	-	Upright on Pallets Protect from Elements
Under face	-	Release silicone plastic film
Top face	-	Polyethylene woven complex
Tensile strength, MD/XD (kN/m)	ASTM D5147	11.3 / 15.4 (64 / 88 lb/in.)
Ultimate elongation, MD/XD (%)	ASTM D5147	52 / 24
Cold bending (°C)	ASTM D5147	-35 (-31 °F)
Static puncture (N)	ASTM D5602	400 (90 lb)
Tear resistance, MD/XD (N)	ASTM D5601	375 / 400 (84 / 90 lb)
Lap adhesion (N/m)	ASTM D1876	2000 (11.4 lb/in.)
Water absorption (%)	ASTM D5147	0.1 max.
Water Vapor permeance (ng/Pa·s·m ²)	ASTM E96 (Procedure B)	< 0.90 (< 0.016 perm)
Air permeability (L/sec·m ²)	ASTM E283 (75 Pa)	< 0.0003
Softening point (°C)	ASTM D36	95 (203°F)
Compound Stability (°C)	ASTM D5147	90 (194°F)

(All Values are nominal)

Fully Adhered Installation

The WaterBlock membranes are applied directly to the primed substrates.

- Clean and dry the substrate
- Prime the substrate with **ELASTOCOL H20** or **ELASTOCOL STICK**, using a brush or roller.
- Allow the Primer to dry. Primed substrates must be covered the same day.
- Unroll, align and cut the membrane into required lengths.
- Peel back about 6 inches of release sheet.
- Position the membrane, apply it to the substrate continuing to peel back the release sheet.
- When the full length of membrane is installed, press firmly with roller to avoid any air pockets