

RT40 BUTYL®



VAPOR BARRIER



WRB



AIR SEALING



WINDOW FLASHING



HIGH TEMP

Waterproof Flashing Membrane

RT40 BUTYL® is a 40mil self-adhered flashing membrane. **RT40®** is an exclusive laminate of reflective aluminum foil facer with butyl compound. As waterproof flashing membrane, it adheres to most surfaces and seals around punctures, forming a protective air, vapour and waterproof barrier. It is specifically designed to be self-adhered to most substrates without using any primer.

FEATURES & BENEFITS

- Self-adhered (cold application).
- Impermeable to air, moisture, vapor and water.
- Excellent cold-weather adhesion.
- Aluminum surface reflects heat, lowering the utility costs.
- Tough, durable, with puncture and abrasion resistance.
- Requires no coating or covering, allowing 365 days UV exposure.
- No primer needed, allowing for quick installation.
- High and low temperature performance.
- Self-sealing around nails and fasteners for long-lasting water tightness.
- Can be installed at temperatures as low as 0 °F (-18 °C), keeping projects on schedule even during winter months.
- Advanced adhesive allows flashing to remain in place without mechanical fasteners.
- AAMA 711 compliant.



NO PRIMER NEEDED ALLOWING QUICK INSTALLATION

USAGE

Product Role

Waterproofing, Air & Vapour Barrier Membrane, Flashing Membrane.

Building Component

Doors & Windows, Walls, Roof, Under Metal Flashings, Patching, Repairs & Sealing Around Skylights.

Substrates

Plywood, OSB, Wood, Metal, Fiberglass, Gypsum, Aluminum, House Wrap, Concrete, Polyethylene.

PROPERTIES	TEST METHOD	RT40 BUTYL FLASH (TYPICAL VALUE)
Colour		Silver, Aluminum
Top Surface		UV Coated Aluminum Foil Facer
Bottom Release Liner		White Polyethylene
Nominal Thickness	ASTM D 5147	40 mil (1mm)
Nail Sealability	ASTM D 1970	Pass
Lap Sealability	ASTM D1970	Pass
UV Exposure	ASTM G90	12 Months
Tensile Strength	ASTM AAMA 711 Sec 5.1	MD 41.6 lbs/in/ (7.4 kN/m) CD 42.7/in (7.6 kN.m)
Permeability	ASTM E96	0.033 Perms
Fire Rating	ASTM E108	Pass - Class A
Water Resistance	ASTM D779	> 200 Hours
Temperature Range	ASTM D 1970	(-40°F to 250°F (-40°C to 120°C))
Low Temperature Flexibility	ASTM D 1970	Pass
Installation Temperature		0°F (-18°C) and above
Adhesion to Plywood	AAMA 711 Sec 5.3	6.8 lbs/in. (1189 N/m)
Adhesion to OSB	AAMA 711 Sec 5.3	2.2 lbs/in. (384 N/m)
Adhesion to Facer	AAMA 711 Sec 5.3	7.1 lbs/in. (1240 N/m)
Elongation	ASTM D2523	MD:44% CD:44%
Mold Growth	ASTM G-21	0 Fungal Growth

*Test data is based on average taken over several production runs of control/non-conditional specimens and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications. All values + 10%.

Roll Size	4"x75'	6"x75'	9"x75'	12"x75'
Rolls / Box	9	6	3	3
Weight / Roll	3.1 Kg	4.7 Kg	7.1 Kg	9.4 Kg
Weight / Box	28.8 Kg	28.8 Kg	21.8 Kg	28.8 Kg
Box / Pallet	40	40	40	40
Pallet Weight	1160	1160	880	1160



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TOOLS REQUIRED

- Tape Measure
- Knife
- Smoothing Roller

SURFACE PREPERATION

The substrate must be clean, dry, and free of dust, grease or other contaminants.

LIMITATIONS

Not recommended for use in applications that may exceed 300°F (149°C).

Not recommend for application over uncured (wet) sealants or adhesives, even if compatible.

STORAGE

RT40 Butyl Flash should be stored in the original, unopened container at ambient temperatures between 40°F to 90°F (5°C to 32°C). Storage area should remain dry and out of direct sunlight. Do not remove materials from original containers until ready for use. Do not double stack pallets.

SHELF LIFE

RT40 Butyl Flash maintains optimum initial adhesion to substrates when used within one year from the date of manufacture.

APPLICATION

- 1. RT40 Butyl Flash** must be applied to the substrate horizontally or vertically by removing the PE release liner. Side Lap and End Lap joints must be minimum 2 inches (50mm) (For Wall Application) and 4 inches (100mm) (For Roof Application).
- All Laps must be installed in water-shedding manner.
- Surface of membrane must be rolled with even pressure roller to ensure good adhesion and to smooth out any wrinkles and air bubbles.
- Each time a corner is to be covered with a RT40 membrane, a gus set (small piece of cut membrane) must first be applied to seal the corner.
- If appropriate adhesion is not obtained due to uncontrolled conditions then Elastomeric/Rubber Based adhesive primer will be required.
- The maximum adhesive strength is reached within 24 hours.

NO PRIMER NEEDED
ALLOWING QUICK
INSTALLATION

LIMITED WARRANTY

RT40 Butyl Flashing is covered by the Standard 10 Year Limited Warranty. Which warrants materials to be free from leaks caused by defects in material or manufacturing for a period of ten (10) years from the date of purchase when applied according to published directions.

