



Protecto BT20XL Butyl™

Window and Door Butyl Flashing Tape
Air/Vapor Barrier Butyl Tape

TECHNICAL DATA

Properties	Test Method	Test Results
Color		White/Gray
Thickness		20 mils
Tensile Strength	ASTM D412	975 psi
Elongation (adhesive only)	ASTM D412	500%
Permeance	ASTM E96	0.01 perms max
Nail Sealability	ASTM D1970	Pass
In-Service Temperature		Up to 300°F (149°C)

PACKAGING

Roll Widths: 4", 6", 9", 12",
Roll Length: 50' and 75' feet per roll

DESCRIPTION

BT20XL Butyl™ is a cold applied self-adhering membrane composed of a tough cross laminated High Density Polyethylene film coated on one side with a layer of our proprietary recycled butyl adhesive.

FEATURES

- Proprietary recycled butyl adhesive
- Safe for use on all window and door products
- 120 Day UV exposure rating
- Fully adhered system
- Seals around properly installed fasteners
- Recommended for High Altitude, High Temperature and/or Highly Conductive Metal Cladding/Flashing (Copper, Cor-Ten, Zinc) applications
- Compatible with most construction sealants and will adhere to most construction surfaces¹
- Forms a positive air/vapor barrier²

USES

Used as a complete waterproof self-adhered flashing for window and door installations to create a positive air/vapor barrier in everyday construction.
Safe for use on all wood, wood clad, aluminum, fiberglass and vinyl windows and doors, uncured and cured vinyl and PVC membranes
Sealing around skylights, must be covered to prevent UV degradation
Sealing joints in exterior sheathing
Sealing penetrations in wall systems

LIMITATIONS

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

SHELF LIFE

BT20XL Butyl maintains optimum initial adhesion to substrates when used within one year from the date of manufacture.

STORAGE

BT20XL Butyl should be stored in the original, unopened container at ambient temperatures between 50°F to 90°F (10°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.

Cold Weather Storage – products should be stored in original containers in a warm dry area between 50°F to 90°F (10°C to 32°C). Product should be kept warm a minimum of 24 hours prior to and just up to installation.

PREPARATION

All surfaces shall be clean, dry and free of any foreign materials. The surface shall be free of gaps, sharp edges and protrusions.

Metal surfaces may need to be solvent wiped and/or abraded to achieve optimum adhesion.

¹ Note: If surface is DensGlass Gold[®], OSB, Concrete block (CMU), masonry, fiber board sheathing, exterior gypsum or cannot be cleaned to a like new surface or the surface is damp or below 32°F (0°C), primer should be used prior to the application of the membrane. Some housewrap materials may require primer, test for adhesion prior to full application. Protecto Wrap Company recommends testing all substrates for adhesion prior to full application. If adhesion to the substrate is found to be marginal, then a primer shall be used to ensure optimal adhesion. Refer to: “Technical Letter Primer Recommendations” for more information. When used on ICF, the surface must be clean, dry and free of all dirt, dust and debris prior to application of the membrane. Protecto Wrap Company recommends testing the ICF for adhesion. If adhesion to the ICF substrate is found to be marginal, then only the Universal Water Based Primer shall be used to ensure optimal adhesion.

APPLICATION

Apply first piece of **BT20XL Butyl** to the rough opening sill, the sill flashing should overlap the housewrap/weather resistive barrier; firmly roll into place using a hand roller (J-roller, Laminate roller) to smooth out any wrinkles, air bubbles or creases that would allow water to migrate behind the membrane. Set window into the rough opening and fasten per window manufacturer’s instructions. Apply vertical pieces over the nailing flange at the sides of window frame, firmly roll into place using a hand roller to smooth out any wrinkles, air bubbles or creases, apply the final piece over the top nail flange and overlap the vertical sides pieces, firmly roll into place using a hand roller to smooth out any wrinkles, air bubbles or creases.

For ceiling and soffit applications: the substrate must be fully primed and allowed to cure prior to full application. Membrane should be firmly rolled into place using a hand roller to smooth out any wrinkles, air bubbles or creases. Mechanical fasteners should be applied at perimeter of membrane as needed to ensure full contact.

For **Cold Weather Applications**, products should be stored in original containers in a warm dry area between 50°F to 90°F (10°C to 32°C). Product should be kept warm a minimum of 24 hours prior to and just up to installation. Protecto Wrap Company recommends testing substrates for adhesion. If adhesion to substrate is found to be marginal, then a primer shall be used to ensure optimal adhesion. Refer to: “Technical Letter Primer Recommendations” for more information regarding primer recommendations and “Technical Letter Cold Weather Applications”.

* Additional methods and details can be found at www.protectowrap.com or call (800) 759-9727.

CLEAN UP

Dispose of waste in accordance to local requirements. Control worksite so that boxes and release liner do not present a hazard.

Packaging materials and release liner can be recycled.

CAUTION

Protecto Wrap Company recommends the use of safety glasses and gloves. Protecto Wrap Company recommends the use of appropriate fall protection when working above ground level.

² Note: It is very important in full coverage envelope applications that the **BT20XL Butyl** is tightly sealed into the roofing and below grade waterproofing systems and perimeter flashings to retain the integrity of the air/vapor barrier throughout the entire structure. In full building envelope applications, the dew point of the wall assembly must be engineered to the exterior of the building

LIMITED WARRANTY

This product is covered by the Protecto Wrap Standard 10 Year Limited Warranty.

PROTECTO WRAP COMPANY
1955 South Cherokee Street
Denver, CO 80223
(303) 777-3001 • (800) 759-9727
FAX (303) 777-9273
www.protectowrap.com