Premium Building Products That Protect

TECHNICAL DATA SHEET

Protecto BT20XL Butyl™

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

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**
Installation Temperature		**32°F to 120°F (0°C to 48°C) (See P2 for Cold Weather Application)**
In-Service Temperature		**-45ºF to 300ºF (-42ºC to 149ºC)**
NFPA 285 Compliant Assemblies	**Comparative ASTM E1354**	**With Various Insulations in NFPA 285 Assemblies**

PACKAGING
Roll Widths: 4”, 6”, 9”, 12”,
Roll Length: 50 feet

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 high temperature recycled butyl adhesive.

FEATURES
- Proprietary recycled butyl adhesive
- Safe for use on all window and door nailing flanges
- 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 surfaces[1]
- Forms a positive air/vapor barrier[2]
- AAMA 711-22 Compliant

USES
Used as a complete waterproof self-adhered flashing for window and door installations
Safe for use on all wood, wood clad, aluminum, fiberglass and vinyl windows and doors
Sealing joints in exterior sheathing
Air and Vapor Barrier

LIMITATIONS
Not recommended for use in applications that may exceed 300°F (149°C).
Not recommended for application over uncured (wet) sealants or adhesives, even if compatible

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

Subject to change without notice. Visit www.protectowrap.com for the latest version.

STORAGE
BT20XL Butyl 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. Store open rolls in an airtight manner.

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.

Note: If surface is DensGlass Gold®, OSB, Concrete block (CMU), masonry, fiber board sheathing, exterior gypsum, saturated felt type building wrap 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 field 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; Technical Letter Adhesion to Substrates

For ICF- Protecto Wrap recommends using Protecto Universal Primer Free Membrane.

APPLICATION
Apply first piece of **BT20XL Butyl** to the rough opening sill; the BT20XL Butyl should overlap the housewrap or building paper at the sill. 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 of BT20XL Butyl over the nailing flange at the sides of window frame and directly onto the exterior sheathing, firmly roll into place using a hand roller to smooth out any wrinkles, air bubbles or creases, apply the final piece of BT20XL Butyl over the top nail flange and overlap the vertical sides pieces adhering directly to the exterior sheathing, firmly roll into place using a "J" roller or hand roller to smooth out any wrinkles, air bubbles or creases. Apply housewrap or building paper over the BT20XL Butyl at the sides and head of the window. Use housewrap tape or equivalent to seal the housewrap to the exterior of the BT20XL Butyl.

For inverted 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. Nails or staples 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 40°F to 90°F (5°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 Cold Weather Applications".

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

CLEAN UP
Dispose of waste in accordance with 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.

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

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