



THE BEAR'S GOT YOU COVERED

Barricade® Building Wrap

Technical Specifications Sheet

PRODUCT NAME

Barricade® Building Wrap

MANUFACTURER

Barricade Building Products

10351 Verdon Road

Doswell, VA 23047

Telephone: 877-832-0333

www.barricadebp.com

PRODUCT DESCRIPTION

Basic Use: Barricade Building Wrap is a perforated polyolefin membrane that is installed beneath exterior siding to reduce air infiltration. Barricade Building Wrap is not intended for use as a primary water barrier. Used in residential and commercial building, installing housewrap on an entire home or structure is generally the most common industry practice.

Precautions and Limitations: Refer to individual code reports for the various findings and limitations applicable to the specific code areas of influence.

TECHNICAL DATA

Construction Specifications Institute Identification Codes:

Air Barriers 07270

Composition: Barricade Building Wrap is composed of perforated, high-quality, woven Polyolefin.

Standard Sizes: 108" x 100'/150', 54" x 100'/150', and 36" x 150'

Thickness: 0.0035"

Tensile Strength (ASTM D-882):

63.3 lbs./inch MD, 51.4 lbs./inch CD

Permeability (ASTM E-96A):

73.1 grams/m²/24hrs (10.4 perms)

Water Resistance: Pass

Flame Spread (ASTM E-84): Class A

UV Exposure Rating: 1 year

Applicable Standards: Barricade Building Wrap is manufactured to meet the full intent of all major building codes. * Contact Barricade Building Products for a copy of the current active code evaluation reports.

Meets Fed. Spec. UU-B-790a Grade D

INSTALLATION

Step 1: Start 2–3 feet from a corner. Wrap around corner and continue nailing or stapling as you move around the house. Use fasteners that are long enough to penetrate into the stud or nail base material.

Step 2: Use enough fasteners to hold the wrap firmly in place by fastening it every 12"–18" along the vertical studs using large-headed or plastic cap nails or minimum 1" crown staples. You may install it over wood-based, foam-insulative, or fiberboard sheathing, and exterior gypsum board.

Step 3: Make an inverted "Y" cut in the wrap at window rough opening. Make diagonal cuts at top corners of rough opening.

Step 4: Fold the three flaps through the opening, fastening them inside with staples set every 6". Fold top flap back and fasten temporarily.

Step 5: Install the bottom flashing (when installing flashing) over the wrap.

NOTE: Barricade Building Products recommends the use of a flashing material, such as UltiFlash® premium butyl rubber flashing, that meets or exceeds Federal Specification UU-B-790a, Grade A and is a minimum 6" in width.

Step 6: Install window. Flashing details around window:

- A. Install side flashing over side window flanges.
- B. Install head flashing over the top window flange and extend it out 3" to 4" over the side flashings.
- C. Bottom window flange should be over flashing, installed in **Step 5**.
- D. Remove temporary fasteners from top flap of building wrap, and apply top flap over installed head flashing.

NOTE: Windows must be installed in accordance with each manufacturer's recommended guidelines and installation procedures.

Other Important Details:

- Install building wrap "shingle-lap" fashion (with the high piece lapped over the outside of the piece below).
- All horizontal overlaps of building wrap should be at least 4", and 6" for vertical overlaps.
- At roof sections, be careful to lap the building wrap over the entire top of any step flashed areas against the wall.
- Around exterior doors, follow the same flashing procedures as indicated in **steps 5 and 6** for windows.

AVAILABILITY AND COST

Availability: Nationwide distribution facilities stock Barricade Building Wrap and provide prompt delivery to most local building material/lumber dealers. In addition, Barricade Building Products field representatives are located in every part of the country to provide the best possible service.

Cost: Barricade Building Wrap is competitively priced. For specific information, contact a Barricade Building Products representative.

WARRANTY

Barricade Building Wrap is backed by a **10 year limited warranty**. Please contact Barricade Building Products for more information.

MAINTENANCE

When applied in accordance with manufacturer's recommendations, Barricade Building Wrap will not require maintenance.

TECHNICAL SERVICES

Support is provided by full-time technically-trained field representatives and technical service personnel. In addition, Barricade Building Products is backed by a research, development and service staff.

For further information, literature, or technical support, contact Barricade Building Products at 877-832-0333.

Information contained in this bulletin conforms to the standard detail recommendations and specifications for the installation of Barricade Building Wrap and is presented in good faith. Barricade Building Products assumes no liability, expressed or implied, as to the architecture, engineering, or workmanship of any project. This information may be concurrent with, or superseded by other applicable documents. Barricade Building Products must approve any deviations from published literature, in writing, prior to application. Contact Barricade Building Products for the most current product information.

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