

Barricade® Sill Corner Flashing Technical Specifications

1. PRODUCT NAME

Barricade® Sill Corners

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

Basic Use: Barricade Sill Corners provide excellent protection against moisture and air penetration and are ideally suited and specifically designed to flash Window installations

Operating Temperature:

- Wide Operating temperature range of 30 -200° F (1-93° C) prevents adhesive from flowing at high temperatures

Composition and Materials:

Barricade Sill Corner Flashing is black polyethylene faced, peel and stick flashing tape using a thick butyl rubber adhesive.

Limitations

This product is for above grade use only. Barricade Sill Corners UV rating is up to 1 year.

4. TECHNICAL DATA

Applicable Standards:

American Society for Testing and Materials (ASTM)

- ASTM D412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers-Tension
- ASTM D903 Standard Test method for Peel or Stripping Strength of Adhesive Bonds
- ASTM D1000 Standard Test Method for Pressure-Sensitive Adhesive-Coated Tapes used for Electrical and Electronic Applications
- ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials

Environmental Considerations

Products are free from asphalt, solvents and volatile organic compounds (VOC).

Physical/Chemical Properties (Test reports available upon request.)

Barricade Sill Corners

- Color - Black
- Total thickness (ASTM D3767) - 20 mil (.51mm)
- Backing thickness (ASTM D3767) - 6 mil (.15 mm)

- Adhesive thickness (ASTMD3767) - 14 mil (.36 mm)
- Weight - .1 lb/sq.ft (.51 kg/sq m)
- Tensile strength machine direction (ASTMD412) - 25 lb/in (4.3 N/mm)
- Tensile strength cross direction (ASTM D412) - 10 lb/in (1.7 N/mm)
- Adhesion to plywood (ASTM D903)-10 lb/in (1.6 N/mm)
- Adhesion to steel (PSTC -1) - 14 lb/in (2.5 N/mm)
- Adhesion to backing (PSTC-1) - 6 lb/in (1.1 N/mm)
- Permeance (ASTM E96) <0.3 perms (17 ng/(Pa x s x m²))

5. INSTALLATION

Preparatory Work

For optimum product performance, store in original sealed packaging at temperatures between 40-90° F (4 - 32° C) under moisture free conditions.

Note: A spray adhesive, such as Nashua 357, is recommended when Barricade Sill Corners are applied directly to Oriented Strand Board (OSB) or other surfaces where additional adhesion is needed or required.

Methods

Installation with Pan Flashing: Please see "A Practical Guide" to installing Barricade Sill Corners for complete information for installation instructions using a pan flashing in addition to sill corners.

Basic Installation:

1. Peel back paper release liner and discard.
2. Adhere square-edged side of Barricade Sill Corner to a front, inside sill corner. Ensure the front edge of the material is flush with the front edge of the window opening.
3. Smooth the dove-tailed-edge of Barricade Sill Corner over the sill and adhere to the vertical wall face. Make certain any bubbles or wrinkles are smoothed out.
4. Repeat Steps 1-3 for the other corner of the window.
5. Overlap the horizontal flanges of Barricade Sill Corners with a measured piece of Opti-Flash premium butyl flashing.
6. Flash remaining portion of window per the building code.

Avoid contact with residual asphaltic products (mastics or primers) such as coatings and other roofing products. Fifteen pound felt paper or

building paper may be used with Barricade Sill Corners. Make sure overlaps are in the direction of moisture drainage.

6. AVAILABILITY AND COST

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

7. WARRANTY

Berry Plastics Tapes and Coatings Division guarantees the manufacturing of Barricade Sill Corner Flashing. Contact Berry Plastics Tapes and Coatings Division for specific information regarding the 10 year limited warranty.

Typical performance values shown in Berry Plastics literature are not intended to be used for specification development. Technical data are believed to be true and accurate. Purchaser should test the fitness for use for all applications.

8. MAINTENANCE

When applied in accordance with manufacturer's recommendations, Barricade Sill Corner Flashing will not require maintenance.

9. TECHNICAL SERVICES

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

For further information, literature or technical support, contact Berry Plastics Tapes and Coatings Division at 804.876.3135.

Information contained in this bulletin conforms to the standard detail recommendations and specifications for the installation of Barricade Sill Corners and is presented in good faith. Berry Plastics 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. Berry Plastics Tapes and Coatings Division must approve any deviations from published literature, in writing, prior to application. Contact Berry Plastics for most current product information.

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