

PRODUCT DATA

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AIR-SHIELD™ ALUMINUM FLASHING

Aluminum-Faced Flexible Flashing

DESCRIPTION

AIR-SHIELD ALUMINUM FLASHING is a self-adhering flexible membrane flashing with an aluminum facer. It is a roll type product that is nominally 40 mils thick. This material is an air, vapor, and liquid moisture barrier. When properly applied, the product reduces the risk of rot and mold development.

USES

AIR-SHIELD ALUMINUM FLASHING provides protection against water infiltration in critical detail areas, such as window and door openings, deck-to-wall intersections, corner boards, wall-to-wall tie-ins, foundation sill plates, sheathing panel seams, under stucco finishes, masonry walls, and other non-roof detail areas.

FEATURES/BENEFITS

- Aluminum-faced film - provides improved sealant adhesion and extended UV exposure.
- Easy to install.
- Reduces the risk of rot and mold development.
- Superior adhesion.
- Seals around fasteners.
- Watertight.

PACKAGING

Available in cut sizes. Also available in cut rolls of 4", 6", 9", and 12" (102, 152, 224, 326 mm) wide. NOTE: Some sizes require lead time. All rolls are 75' (22.9 m) long.

TECHNICAL DATA

| PROPERTY | TEST RESULTS | TEST METHODS |
|----------------------------------------|------------------|--------------------------|
| Thickness, membrane + film | 0.043 in. | ASTM D3767 method A |
| Puncture Resistance, membrane + film | 88 lbf | ASTM E154 |
| Tensile Strength, MD, membrane + film | 750 psi | ASTM D412 die C modified |
| Tensile Strength, CMD, membrane + film | 950 psi | ASTM D412 die C modified |
| Elongation, MD, membrane + film | 327% | ASTM D412 die C modified |
| Elongation, CMD, membrane + film | 254% | ASTM D412 die C modified |
| Water Absorption | <0.1% | ASTM D570 |
| Water Vapor Transmission | <0.01 Perms | ASTM E 96, B |
| Rubberized Asphalt Softening Point | 205° F (96.1° C) | ASTM D36 |
| Flexibility @ -20° F (-29° C) | Pass | ASTM D1970 |

APPLICATION

Surface Preparation ... Apply AIR-SHIELD ALUMINUM FLASHING in fair weather conditions when the air, surface and membrane are at temperatures of 25° F (-4° C) or higher. After precipitation, allow a minimum of 24 hours for drying before installation. Install directly onto a clean and dry surface. Remove dust, dirt, and loose nails. Protrusions must be removed. Surfaces should have no voids or damaged/unsupported areas. Repair surfaces before installing. Surfaces should be free of scale, rust, grease, and oil and conditioned with MEL-PRIME™ or MEL-PRIME W/B from W. R. MEADOWS.

CONTINUED ON REVERSE SIDE ...

Application Method ... Cut AIR-SHIELD ALUMINUM FLASHING to desired length. Peel back the release paper to expose adhesive. Align the membrane and press into place with heavy hand pressure. Laps must be a minimum of 2.5” (63.5 mm). Consistent with good construction practice, install the membrane so that all laps shed water (following the shingle principle). The top membrane layer should go over the bottom layer. Always work from low point to high point.

PRECAUTIONS

Do not leave the product permanently exposed to sunlight. Maximum recommended exposure time is one year. The rubberized asphaltic membrane component (soft black side) may not be compatible with most polyurethanes or silicones. W. R. MEADOWS offers a line of approved products as part of our complete system. Please reference the appropriate detail for your specific application. When used with other products than recommended, ensure compatibility through either testing or written approval from the manufacturer.

LEED INFORMATION

May help contribute to LEED credits:

- EAp2: Minimum Energy Performance
- EAc2: Optimize Energy Performance
- MRc9: Construction and Demolition Waste Management

For most recent data sheet, further LEED information, and SDS, visit www.wrmeadows.com.



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.