

PRODUCT DATA

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W. R. MEADOWS®

SEALTIGHT®

JULY 2016

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	-40° - 195° F	ASHTO T53
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...

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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 3” (75 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.

LEED INFORMATION

May help contribute to LEED credits:

- EA Credit 1: Optimize Energy Performance
- IEQ Credit 3.1: Construction Indoor Air Quality Management Plan – During Construction
- IEQ Credit 7.1: Thermal Comfort – Design
- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

For 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.