PRODUCT DATA

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W. R. MEADOWS, SEALTIGHT

NO. 718-F

AUGUST 2013

AIR-SHIELD™ LIQUID FLASHING

Liquid Flashing Membrane

DESCRIPTION

AIR-SHIELD LIQUID FLASHING is a high-quality, gun grade, low-odor, elastomeric, polyether liquid-applied flashing and detailing membrane. It bonds to most construction materials, such as aluminum, brick, concrete, wood, and vinyl and exterior gypsum board.

USES

AIR-SHIELD LIQUID FLASHING is to be used as a liquid-applied flashing, compatible with the entire line of AIR-SHIELD air, vapor, and liquid moisture barriers. This general-purpose, wet flashing membrane is used to seal rough openings and detail joints between exterior gypsum board. AIR-SHIELD LIQUID FLASHING is designed for window and door flashing applications. The product will not harm foam insulation.

FEATURES/BENEFITS

- Compatible with the entire line of AIR-SHIELD products from W. R. MEADOWS.
- Non-sag.
- 100% solvent free.
- Non-shrinking.
- Bonds to most construction materials.
- Paintable in 24 hours.
- Guns and tools easily.
- Does not harm foam insulation.

PACKAGING

20 Oz. (600 mL) Sausages (12/Carton)
28 Oz. (825 mL) Cartridges (12/Carton)

COVERAGE

20 Oz. (600 mL) Sausage
12 – 15 Mils 15 – 19 ft.^{2} (1.4 – 1.8 m^2)
28 Oz. (825 mL) Cartridge
12 – 15 Mils 22 – 28 ft.^{2} (2 – 2.6 m^2)
Coverage rates will vary depending on the surface the material is applied on.

SHELF LIFE

When stored indoors and in original, unopened containers at temperatures between 40 - 90° F (4 - 32° C), shelf life is a minimum of one year from date of manufacture.

SPECIFICATIONS

- Complies with all current federal, state, and local maximum allowable VOC requirements, including U.S. EPA, LADCO, SCAQMD, and OTC.
- Complies with Canada VOC Concentration Limits for Architectural Coatings Regulations.

TECHNICAL DATA (Typical Results)

Chemistry	Silyl-Terminated Polyether – Moisture Cure	
Density	12.2 +/- 0.2 lb./Gal. (12.2 +/- 1.46 kg/L)	ASTM D1475
Viscosity at time of manufacture	900,000 +/- 200,000 cps	70° F (21.1° C) +/- 2° F (-16.7° C) Brookfield RVF, TC Spindle, 4 RPM
Tack Free Time	30 min +/- 15 min	ASTM C679
Shear Strength	210 psi +/- 25 psi	ASTM D412
Tensile Strength	230 psi +/- 25 psi	ASTM D412
Elongation at Break	215% +/- 25%	ASTM D412
Low Temperature Flex	Pass @ -10° F (-23° C)	ASTM D816
Shore A Hardness	38 +/- 5	ASTM C661
Service Temperature	-20° - 200° F (-29° - 93° C)	
Shrinkage	No Visible Shrinkage After 14 Days	
Exposure Time	12 Months	
VOC Content	19 g/L	
Color	Green	

CONTINUED ON REVERSE SIDE…

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APPLICATION

Surface Preparation … All surfaces to receive AIR-SHIELD LIQUID FLASHING should be clean, dry, smooth, and free from all bond-breaking contaminants. Remove any damaged structural wall components. Any raw edges of exterior gypsum board may require primer. For detailed instructions, view our AIR-SHIELD LIQUID FLASHING INSTALLATION GUIDELINES document on our website.

Application Method

Rough Opening … Inspect rough opening. The rough or cut edge of gypsum board should be primed. Prefill any gaps with larger than ¼" (6.35 mm) with AIR-SHIELD LIQUID FLASHING and allow to skin over.

Apply bead of AIR-SHIELD LIQUID FLASHING in opening to be sealed. Spread the material using putty knife across rough opening surface. Next, apply a thick bead of material to the structural wall surface around rough opening. Again, spread the material evenly using a putty knife. Make sure material is spread in an even, monolithic manner. Make sure to spread the material 4" – 6" (100 – 152 mm) on to structural wall. Make sure material contains no pinholes and is void-free. Again, make sure material is even, monolithic and undamaged.

Make sure AIR-SHIELD LIQUID FLASHING covers the entire opening and seamlessly joins the specific AIR-SHIELD membrane being installed. Allow surface to dry before installing windows, doors, wall assembly, and specific AIR-SHIELD membrane being applied.

AIR-SHIELD LIQUID FLASHING is also compatible with the entire line of AIR-SHIELD products for joint detailing in exterior sheathing panels. For detailed application instructions, please view our AIR-SHIELD EXTERIOR SHEATHING PANELS INSTALLATION GUIDELINES document on our website.

Drying Time … At 70° F (21° C) and 50% relative humidity, product skins within 30 minutes. AIR-SHIELD LIQUID FLASHING is moisture curing. Low temperatures and low relative humidity slow dry time. High temperatures and high relative humidity accelerates dry time.

PRECAUTIONS

Not for use as a structural sealant. Not for use in place of AIR-SHIELD THRU-WALL FLASHING. Not for use below-grade or in locations designed to be continuously immersed in water. When painting, use latex paints only.

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 4.2: Low-Emitting Materials – Paints and Coatings
- IEQ Credit 7.1: Thermal Comfort - Design
- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

For most recent data sheet, further LEED information, and MSDS, 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.

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