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APRIL 2025
(Supersedes July 2024)

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, 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 from W. R. MEADOWS. 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

- Can be applied in damp conditions.
- Does not peel back when left exposed.
- Does not create buildup in rough openings.
- 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. (592 mL) Sausages (12/Cartron)

COVERAGE

20 Oz. (592 mL) Sausage
12 - 15 Mils 15 - 19 ft.² (1.4 - 1.8 m²)
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 one year from date of manufacture.

SPECIFICATIONS/STANDARDS

- AAMA 714-15: Voluntary Specification for Liquid-Applied Flashing
- Complies with all current federal, state, and local maximum allowable VOC requirements, including U.S. EPA, LADCO, SCAQMD, and OTC Phase I and II.

TECHNICAL DATA

Chemistry	Silyl-Terminated Polyether – Moisture Cure	
Tack-Free Time	30 min +/- 15 min	ASTM C679
Shear Strength	210 psi +/- 25 psi	ASTM D412
Low Temperature Flex	Pass @ -10° F (-23° C)	ASTM D816
Installation Temperature	>32° F (0° C)	
Service Temperature	-20° F to 200° F (-29° C to 93° C)	
Shrinkage	No Visible Shrinkage After 14 Days	
Exposure Time	12 Months	
Color	Green	
VOC Content	9.4 g/L	

APPLICATION

Surface Preparation ... All surfaces to receive AIR-SHIELD LIQUID FLASHING should be clean, smooth, and free from all bond-breaking contaminants. Product can be applied to damp surfaces if it is clean. Remove any damaged structural wall components. Any raw edges of exterior gypsum board may require adhesive. For detailed instructions, view the AIR-SHIELD LIQUID FLASHING INSTALLATION GUIDELINES document at www.wrmeadows.com.

CONTINUED ON REVERSE SIDE ...

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Application Method

Rough Opening ... Inspect rough opening. The rough or cut edge of gypsum board should be applied with adhesive. Prefill any gaps 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 12 - 15 mils [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 the AIR-SHIELD EXTERIOR SHEATHING PANELS INSTALLATION GUIDELINES document available at www.wrmeadows.com.

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 accelerate dry time.

PRECAUTIONS

Not for use as a structural sealant. Not for use in place of AIR-SHIELD THRU-WALL FLASHING from W. R. MEADOWS. Not for use below-grade or in locations designed to be continuously immersed in water. When painting, use latex paints only. Adhesion of membrane on oriented strand board (OSB) can sometimes be affected by the level of surface texture or the presence of wax that is part of the binder used to bond together the wood strands. Adhesion of membrane to fire treated wood can sometimes be adversely affected by the treatment. Prior to placement on OSB or treated wood, in-situ adhesion tests should be performed to determine suitability of substrate prior to full installation. If there are variations in the OSB or fire treated wood surface, multiple tests may be required.



Limited Warranty. WRM warrants that the TILT-CRETE W/B will be free from defects in materials, manufacturing and workmanship and perform in accordance with WRM's Data Sheets in effect at the time of shipment for 12 months from the date of manufacture or for the duration of its shelf life as set forth in the Data Sheets, whichever is less.

THE FOREGOING LIMITED WARRANTY IS WRM'S SOLE AND EXCLUSIVE WARRANTY; WRM HEREBY DISCLAIMS ANY AND ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM IN THE TRADE OR INDUSTRY OR OTHERWISE

As the exclusive remedy for breach of this Limited Warranty, WRM, will replace, without charge, that portion of the TILT-CRETE W/B which does not comply with this Limited Warranty. This Limited Warranty does not provide any labor or reimbursement for labor charges, including, without limitation, labor and other costs or expenses attendant to the replacement of the TILT-CRETE W/B or otherwise.

WRM's liability, if any, pursuant to this Limited Warranty shall be limited to the purchase price actually paid for any portion the TILT-CRETE W/B which does not comply with this Limited Warranty. To the extent not prohibited by law, in no event, shall WRM be liable to any person or entity for any incidental, indirect, punitive, special, exemplary, consequential or similar damages, even if such damages were foreseeable or WRM was aware or informed of such potential damages, whether sounding in breach of contract, breach of warranty, indemnity, tort (including negligence), strict liability or otherwise arising, directly or indirectly, out of the performance or non-performance of the TILT-CRETE W/B or breach of this Limited Warranty.

This Limited Warranty will be null and void and of no further force or effect whatsoever: (a) if the TILT-CRETE W/B is altered or modified, or is not handled, stored, shipped, used or applied in accordance with WRM's Data Sheets in effect at the time of shipment; or (b) if WRM is not notified in writing of any alleged breach of this Limited Warranty within ten (10) days after the earlier of: (i) the date of the initial discovery of such alleged breach; or (ii) the date when such alleged breach should have been initially discovered.

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