

LIGHTNING-FLASH™ WALL FLASHING

LIGHTNING-FLASH™ WALL FLASHING, made with 3M™ technology - is designed for use as a through-wall flashing and damp proof course. Its impermeable membrane has an aggressive, high-tack, acrylic, pressure sensitive adhesive that does not require a primer on most construction surfaces.

KEY FEATURES

- » Primer not required in most applications.
- » Exceptional abrasion resistance.
- » Excellent adhesion to concrete, concrete block, anodized aluminum, galvanized metal, exterior gypsum sheathing and plywood.
- » Flexible at low temperatures.
- » Unique adhesive adheres to damp surfaces, metals, glass and plastics.
- » Compatible with many building sealants, including polyurethane, silicone and silane terminated hybrid sealants.
- » Service temperature from -40°F to intermittently 240°F (-40° to 116°C).
- » Can be applied from 0° to 150°F (-18° to 66°C).
- » Resists UV exposure for up to 24 months.

COLOR & ADHESIVE

Available in black with an acrylic adhesive.

PACKAGING

LIGHTNING-FLASH is currently available in the following configurations:

- » 12" x 75' – 4 per box
- » 16" x 75' – 1 per box
- » 18" x 75' – 1 per box
- » 24" x 75' – 1 per box
- » 36" x 75' – 1 per box

INSTALLATION INSTRUCTIONS

SURFACE PREPARATION

- » To obtain the best adhesion, LIGHTNING-FLASH should be installed when outdoor temperatures measure above 0°F to 150°F (-18°C to 66°C). Excellent adhesion to concrete, concrete block, anodized aluminum, galvanized metal, exterior gypsum sheathing and plywood. Primer not required in most applications.
- » Surfaces should be clean, free from dirt and debris, and have not absorbed water.
- » Surfaces should be free of any damaged, unsupported areas, sharp protrusions, or voids.
- » Concrete must be cured a minimum of 7 days before application.
- » Block or brick walls should have mortar joints stuck flush.
- » LIGHTNING-FLASH adheres to most common building materials. For surfaces that are difficult to stick to, test adhesion before application.

APPLICATION

- » Overlap all joints by 3" (50mm). Keep LIGHTNING-FLASH back ½" (12mm) to 1" (25mm) from outside face of wall or veneer.
- » Detail work must be carefully executed to ensure a continuously sealed building envelope at all laps, seams, and penetrations. Along top edges of LIGHTNING-FLASH, apply a continuous bead of sealant, such as HB SEALANT. Form end dams as required and use sealants at laps. Top or leading edge of LIGHTNING-FLASH must be sealed to prevent rain water from migrating behind the membrane.

TECHNICAL SERVICES

For technical services, please contact your local Hohmann & Barnard location, or contact Hohmann & Barnard directly with the contact information provided on the last page of this TDS.

PRODUCT SAFETY

All users of this product should review the latest Safety Data Sheet and the label affixed to the product for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required. Safety Data Sheets are available at www.H-B.com/L-F

Please refer to product Safety Data Sheet for health and safety guidelines during handling and use, and for emergency response procedures.

PRODUCT HANDLING AND STORAGE

- » Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original carton.
- » To obtain best performance, use this product within 24 months from date of manufacture.

TYPICAL PHYSICAL PROPERTIES

Typical physical properties of LIGHTNING-FLASH as supplied and cured are set forth in the tables below.

PROPERTY	VALUE ⁽¹⁾	TEST METHOD
Elongation at Break	>600%	D-412, Die C
Film Thickness	7.5 mils (0.19mm)	
Lap Adhesion	> .37 lbf/in	D1876
Low Temperature Flexibility	86°F Bend Test	
Moisture Absorption	CGSB 37GP56M	D570
Nail Sealability	5" (127mm) Water Head After 3 Days Dry	D1970-14, Section 7.9
Puncture Resistant Membrane	>38 lbf (>170 N)	E-154
Temperature Use Range	0° to 150°F (-18° to 66°C)	
Tensile Strength	>7.0 MPa (>1000 psi)	D-412, Die C
Thickness	15.5 mils (0.40mm)	
Water Vapor Permeance	0.05 Perms	E96 Method B

(1) The data within the typical physical properties are not to be used as or to develop specifications.

DISCLAIMER: This product is not intended for direct consumer use. Keep out of the reach of children.

All information, recommendations, and suggestions appearing herein concerning this product are taken from sources or based upon data believed to be reliable. The information contained in this Technical Data Sheet (TDS) is correct to the best of our knowledge, information and belief as of the date of the publication of this TDS.

The information provided in this TDS and in the Safety Data Sheet (SDS) accompanying this product are set forth as a guideline for safe handling, use, processing, storage, transportation, disposal and release of this product, and are not to be considered a warranty or quality specification. Hohmann & Barnard extends no warranties or guarantees, express or implied, makes no representations, and assumes no responsibility as to the accuracy, reliability or completeness of the information presented.

The information contained in this TDS relates only to the specific product designated, and may not be appropriate or valid for the product used in combination with any other materials or products, or in any process, unless specified herein. Since the actual use of the product described herein is beyond our control, Hohmann & Barnard assumes no liability arising out of the use of the product by others. It is the user's responsibility to determine the suitability of the information presented in this SDS, to assess the safety and toxicity of the product under their own conditions of use, and to comply with all applicable federal, state and local laws and regulations. Appropriate warnings and safe handling procedures set forth in this TDS and in the SDS accompanying this product should be provided to all handlers and users of the product.

For questions or information:

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