

WS Flash / Flashing Primer

DESCRIPTION

WS FLASH is a patented, 30-mil thick, self-adhering, self-sealing, composite membrane of polyester fabric and rubberized asphalt. WS FLASH is supplied in rolls, on release paper, for easy application. FLASHING PRIMER is a single component, water-based primer specially formulated for use with WS FLASH.

COLOR

FLASHING PRIMER is pinkish during application, drying to semi-transparent.

COVERAGE

WS FLASH 4:

900 Lin ft (274.3 Lin m) per carton

WS FLASH 9:

400 Lin ft (121.9 Lin m) per carton

FLASHING PRIMER:

Coverage rates will vary depending on the texture and porosity of the existing substrate. Approximate coverages: ASTM C1177 exterior sheathing: 125–150 ft² per gallon (11.6–13.9 m² per 3.8L). ASTM C1396/C79 Exterior gypsum sheathing: 160–190 ft² per gallon (14.9–17.7 m² per 3.8L). Wood sheathing & cement board: 180–220 ft² per gallon (16.7–20.4 m² per 3.8L)

SHELF LIFE

One year when stored in original container or factory sealed packaging as directed.

USES

1. Used as an air barrier accessory to connect different air barrier materials or assemblies together to make the air barrier continuous.
2. Flashing at sills, approved sheathing joints, rough openings, and terminations.
3. As an expansion joint seal.

FLASHING PRIMER is to be used under WS FLASH membrane on these acceptable substrates and other surfaces:

1. Wood framing (Note: Verify adhesion before applying to wood that has been treated in any way.)
2. ASTM C1177 sheathings, e.g. eXP™, GlasRoc®, Securock™ and DensGlass™
3. Water-resistant core gypsum sheathing (ASTM C79/ASTM C1396)
4. Cement-board (ASTM C1325 Type A Exterior)
5. Masonry
6. Exposure 1 or exterior plywood sheathing
7. Exposure 1 OSB
8. Steel framing
9. Master Builders Solutions Wall System's Air / Water-Resistive/Vapor Barriers and Base Coats

PREPARATION

1. Acceptable substrate shall be dry, clean, sound and free of releasing agents, paint, contaminants, residue or other coatings. Verify substrate is flat, free of fins or anything that would hinder the adhesion of the membrane.
2. Unsatisfactory conditions shall be reported to the general contractor and corrected before application of the Master Builders Solutions Wall Systems materials.
3. Wrap openings in accordance with Master Builders Solutions Wall System's Air/Water-Resistive/ Vapor Barrier Application Guidelines technical bulletin.

APPLICATION

Flashing Primer/WS FLASH application

1. Shake or stir FLASHING PRIMER until uniform consistency, approximately one minute.
2. Apply FLASHING PRIMER with a brush or roller at recommended coverage rate according to substrate.
 3. Apply FLASHING PRIMER evenly and uniformly coated, free from voids, pinholes or blisters. Areas of excess material will lengthen the curing time.
 4. Protect primed surface from dust to prevent adhesion problems.
 5. A second coat of primer may be required for porous surfaces or if the initial adhesion is not optimal.
 6. Apply WS Flash as soon as the Flashing Primer is no longer wet and the surface is tacky. Additional primer will be required over areas that are no longer tacky.
 7. Cut WS FLASH roll to desired length with a utility knife or scissors.
 8. Remove usable size of the release film immediately before application and center the WS FLASH over the area to be sealed.
 9. Using a wallpaper roller, extension-handled countertop roller or weighted hand roller, firmly roll the WS FLASH to the area being sealed. As the WS FLASH is applied, pull more of the release film from the WS FLASH, exposing the adhesive surface, pressing down on the WS FLASH with a roller and keeping the WS FLASH smooth.
 10. If blisters occur, they can be slit with a utility knife and the membrane pressed flat with a roller. Ensure no voids or holes are present. Repair as necessary.
 11. Installed materials should be checked for delamination of edges before final system application. Repair as necessary.
 12. Overlap WS FLASH a minimum of 2" (50 mm) horizontally and 6" (150 mm) vertically.
 13. Clean tools as soon as possible with warm water and soap. Dried FLASHING PRIMER is difficult to remove from tools.
 14. Ensure WS Flash is coated with Master Builders Solutions Wall System's Air/Water-resistive/Vapor Barrier after application
 15. Install exterior cladding system in accordance with manufacturer's current specifications and details.

ADVANTAGES

Self-sealing; maintains a seal when penetrated by fasteners

Master Builders Solutions Wall System's Air /Water-Resistive/Vapor Barriers and Base Coats can be applied to polyester face of WS FLASH; use as part of adhesively applied EIFS

WS Flash

PROPERTY	ASTM TEST METHOD	RESULTS
Peel Adhesion, 7 Days (Glass Mat Sheathing)	D903	18 lbs/in. width
Elongation at Break	D882 Method A	(Modified) > 100%
Low Temperature Pliability	D146 modified	No cracking -26 °C (-15 °F)

PACKAGING

WS FLASH 4: 4" x 100"
 (10.2 cm x 30.5 m) rolls
 9 rolls per carton

WS FLASH 9: 9" x 100"
 (22.9 cm x 30.5 m) rolls
 4 rolls per carton

FLASHING PRIMER: 5-gallon (19-liter) pails
 1-gallon (3.8-liter) bottles 4 bottles per carton

LIMITATIONS

1. Store material in a well ventilated, clean, dry area where temperatures will not exceed 90 °F (32 °C).
2. Do not apply Master Builders Solutions Wall Systems materials in ambient temperatures below 40 °F (4 °C). Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 40 °F (4 °C) are anticipated.
3. When applying the membrane in cooler temperatures, store material for 24 hours inside at room temperature for better adhesion. Adhesion properties of WS FLASH during application in cooler temperatures may also be improved by the use of a heat gun.
4. Do not store rolls on end.
5. Protect from rain and physical damage until installation of exterior cladding system.
6. Do not apply the material to any surfaces not listed as an acceptable substrate/surface, including silicone caulk or other solvent base products.
7. Do not expose material to sunlight for over 30 days.
8. Apply WS FLASH only to dry surfaces. Allow surfaces to dry a minimum of 24 hours after precipitation.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.com/en-us. Use only as directed.

TECHNICAL SUPPORT

Consult Master Builders Solutions Technical Services Department at (800) 589-1336 for specific recommendations concerning all other applications. Consult the Wall Systems website at www.master-builders-solutions.com/en-us, for additional information about products and systems and for updated literature.

WARRANTY

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