



We create chemistry

WS Flash / Flashing Primer

Product Bulletin

DESCRIPTION

WS FLASH is a patented, 30-mil thick, self-adhering, self-sealing, self-healing 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 and WS WRAP.

COLOR

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

COVERAGE

WS FLASH 4:
274.3 Lin m (900 Lin ft) per carton

WS FLASH 9:
121.9 Lin m (400 Lin ft) per carton

FLASHING PRIMER:

Coverage rates will vary depending on the texture, porosity of the existing substrate. Approximate coverages:

ASTM C1177 exterior sheathing:
11.6–13.9 m² (125–150 ft²) per 3.8 L (1-gallon) bottle,
58–69.5 m² (625–750 ft²) per 19 L (5-gallon) Gypsum sheathing:
14.9–17.7 m² (160–190 ft²) per 3.8 L (1-gallon) bottle, 74.5–88.5 m² (800–950 ft²) per 19 L (5-gallon) pail

Exterior plywood sheathing & cement-board (ASTM C1325):
16.7–20.4 m² (180–220 ft²) per 3.8 L (1-gallon) bottle, 83.5–102 m² (900–1100 ft²) per 19 L (5-gallon) pail

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. WS FLASH (itself)
10. SENERSHIELD-R
11. SENERSHIELD-VB

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 BASF Wall Systems materials.
3. Wrap openings in accordance with *BASF 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 to achieve an average coverage rate of 11.6–20.4 m² per 3.8 liter (125–220 ft² per gallon). Coverage rate will vary according to substrate.
3. Apply FLASHING PRIMER evenly. Surfaces shall be uniformly coated, free from voids, pinholes or blisters.
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 dry and tacky. Additional FLASHING 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 50 mm (2") horizontally and 150 mm (6") vertically.

Advantages

Self-sealing, self-healing; maintains a seal when penetrated by fasteners

SENERSHIELD-R / SENERSHIELD-VB and BASF Base Coats can be applied to polyester face of WS FLASH; use as part of adhesively applied EIFS

WS Flash / Flashing Primer

Property	ASTM Test Method	Result
Peel Adhesion (To primed steel)	D1000	10 lbs/in. width
Elongation at Break	D882 Method A	(Modified) > 100%
Low Temperature Pliability	D146 modified	No cracking -26°C (-15°F)

- Clean tools as soon as possible with warm water and soap. Dried FLASHING PRIMER is difficult to remove from tools.
- Install exterior cladding system in accordance with manufacturer's current specifications and details.

PACKAGING

WS FLASH 4: 10.2 cm x 30.5 m (4" x 100') rolls 9 rolls per carton	FLASHING PRIMER: 19-liter (5-gallon) pails 3.8-liter (1-gallon) bottles 4 bottles per carton
WS FLASH 9: 22.9 cm x 30.5 m (9" x 100') rolls 4 rolls per carton	

LIMITATIONS

- Store material in a well ventilated, clean, dry area where temperatures will not exceed 32°C (90°F).
- Do not apply BASF Wall Systems materials in ambient temperatures below 4°C (40°F). Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 4°C (40°F) are anticipated.
- 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.
- Do not store rolls on end.
- Protect from rain and physical damage until installation of exterior cladding system.
- Do not apply the material to any surfaces not listed as an acceptable substrate/surface, including silicone caulk or other solvent base products.
- Do not expose material to sunlight for over 30 days.
- Apply WS FLASH only to dry surfaces. Allow surfaces to dry a minimum of 24 hours after precipitation.
- Do not apply BASF Wall Systems materials to frozen surfaces.
- Shelf life is one year when stored in original container or factory sealed packaging as directed.

TECHNICAL INFORMATION

Consult the BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the BASF Wall Systems website, www.wallsystems.basf.com, for additional information about products and systems and for updated literature.

For the most current version of this literature, please visit our website at www.wallsystems.basf.com.