

Product Data Sheet

Multi-Purpose MB Flashing Cement

Item Description	Item Number
4.75 Gallon (18 L) Pail	W81RACMFC5P

Meets or exceeds performance requirements of ASTM D 4586 Type I

Description

GenFlex Multi-Purpose MB Flashing Cement consists of an asphalt matrix blended with fibers and selected performance additives designed to meet the adhesion characteristics necessary for vertical applications. GenFlex Multi-Purpose MB Flashing Cement may be used to adhere GenFlex sand-backed base sheets, GenFlex SBS cap sheets and APP Cool cap sheets. GenFlex Multi-Purpose MB Flashing Cement may be used as a lap adhesive in two-ply SBS or APP Cool systems.

Method of Application

Refer to current GenFlex Technical Specifications for additional instructions.

IMPORTANT: Ensure the receiving surfaces are free of debris and no moisture is present.

1. GenFlex Multi-Purpose MB Flashing Cement can be applied when the ambient temperature is above 40 °F (4 °C) and rising if the cement is at a temperature of 60 to 80 °F (15 to 27 °C) prior to installation.
2. Substrates to which GenFlex Multi-Purpose MB Flashing Cement will be applied must be clean, dry, and free of sharp objects, foreign materials, oil, grease, and contaminants.
3. GenFlex Multi-Purpose MB Flashing Cement can be applied over suitable substrates with a suitable trowel.
4. Do not apply GenFlex Multi-Purpose MB Flashing Cement to wood fiber insulation, except Structodek® High Density Fiberboard Roof Insulation.
5. GenFlex Multi-Purpose MB Flashing Cement provides superior adhesion when applied in a continuous layer on both the substrate and the sheet back.
6. For best results, apply pressure by rolling the membrane into the MB Flashing Cement for full adhesion.
7. Cover all containers tightly when not in use to prevent spills and thickening of the adhesive from solvent loss.

Acceptable Immediate Substrates for Cold Adhesive Application

- Structural Concrete (must be clean, dry, properly cured, and primed with ASTM D-41 primer).
- Plywood
- Approved GenFlex base sheet.
- Existing Smooth Surface BUR or APP Modified Bitumen (must be clean, smooth, and primed with ASTM D-41 primer).
- DensDeck® Prime, SECUROCK® Gypsum Fiber, STRUCTODEK® HD
- ISO 95+™ GL Insulation, ISOGARD HD Composite or Cover Board, RESISTA™ / ISOGARD CG

NOTE: Please reference the Asphalt Roofing Systems Guide for Applicators and Designers available on our website for detailed information regarding the type of deck and insulation in use.

Storage

- Store unopened containers at room temperature 60 to 80 °F (15 to 27 °C).
- GenFlex Multi-Purpose MB Flashing Cement that has been stored for an extended period of time in unopened pails may separate (e.g. the solids will settle to the bottom of the pail). Settling does not render the product unusable, as the solids can be stirred back into the mix, and the adhesive will function as intended.

Coverage Rate

Apply GenFlex Multi-Purpose MB Flashing Cement at a rate of 2.0 to 3.0 gal per 100 ft² (0.8 to 1.2 L/m²) per surface. **NOTE:** Each pail has a volume of 4.75 gal (18 L), therefore one pail covers 158 to 237 ft² (14.7 to 22.0 m²) on one surface.

Shelf Life

A shelf life of two (2) years can be expected if GenFlex Multi-Purpose MB Flashing Cement is stored in the original sealed container at temperatures between 60 and 80 °F (15 and 27 °C). For optimum results, rotate stock to ensure stored material has not exceeded the shelf life of two (2) years.

Precautions

- **WARNING! COMBUSTIBLE!** Keep away from fire and other sources of ignition during storage and use. Always keep adequate fire extinguishing equipment near any area of Multi-Purpose MB Flashing Cement application.
- Avoid skin contact with Multi-Purpose MB Flashing Cement and always work in well-ventilated areas with proper clothing and safety equipment.
- Prevent fumes from entering rooftop air handling equipment.
- DO NOT THIN GenFlex Multi-Purpose MB Flashing Cement.
- DO NOT use GenFlex Multi-Purpose MB Flashing Cement with wood fiber insulation, except Structodek High Density Fiberboard Roof Insulation.
- Refer to Safety Data Sheets (SDS) for additional safety information.

LEED® Information

Post-Consumer Recycled Content: 0%
 Post Industrial Recycled Content: 0%
 Manufacturing Location: Kimberton, PA or Indianapolis, IN
NOTE: LEED® is a registered trademark of the U.S. Green Building Council



Typical Properties		
Property	ASTM Stand Required Value	Typical Performance
Water content, max	3%	≤ 1.0%
Non-Volatile content, min	70%	≤ 85%
Mineral and/or other stabilizers	15% 0 40%	31%
Strength of lap at indicated age, min, width at 34 h	---	35.0 lb/in (6.0 kN/m)
Asphalt by weight	---	45%
V.O.C. content	---	< 300 g/L
Viscosity at 77 °F (23 °C)	---	20,000 cps (20 pa*s)
Density	---	9.1 lb/gal (1.0 + kg/L)
Specific Gravity	---	1.14
Solvent	---	Stoddard Solvents
Solids	---	76.2%

NOTE: The initial SRI for standard white membrane is 33. The SRI for black membrane is N/A

Please contact Amrize Technical Services at 800-428-4511 for further information.

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