

# TECHNICAL INFORMATION SHEET

## Multi-Purpose MB Flashing Cement

**Item Description**

4.75 Gallon (17 L) Pail

**Item Number**

W70RACMFC5P

Meets or exceeds performance requirements of ASTM D 4586, Type I

### Product Information



### Description:

Firestone 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. Firestone Multi-Purpose MB Flashing Cement may be used to adhere Firestone sand-backed base sheets, Firestone SBS cap sheets and APP Cool cap sheets. Firestone Multi-Purpose MB Flashing Cement may be used as a lap adhesive in two-ply SBS or APP Cool systems.

### Method of Application:

1. Firestone 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) just prior to installation.
2. Substrates to which Firestone Multi-Purpose MB Flashing Cement will be applied must be clean, dry, and free of sharp objects, foreign materials, oil, grease and contaminants.
3. Firestone Multi-Purpose MB Flashing Cement can be applied over suitable substrates with a suitable trowel.
4. Do not apply Firestone Multi-Purpose MB Flashing Cement to wood fiber insulation, except Structodek High Density Fiberboard Roof Insulation.
5. Firestone 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)
- Approved Firestone base sheet
- Existing Smooth Surface BUR or Modified Bitumen (must be clean, smooth and primed with ASTM D-41 primer)
- DensDeck® Prime, SECUROCK® Gypsum Fiber, STRUCTODEK® HD
- Firestone ISO 95+™ GL / ISOGARD™ GL, ISOGARD HD Composite or Cover Board, RESISTA™ / ISOGARD CG

**NOTE:** Please consult the appropriate Design Guide and QuickSpecs online at [www.firestonebpc.com](http://www.firestonebpc.com) to review specific 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).
- Firestone 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.

### Shelf Life:

A shelf life of two (2) years can be expected if Firestone 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.

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### Coverage Rate:

Apply Firestone Multi-Purpose MB Flashing Cement at a rate of 2.0 to 3.0 gal per 100 ft<sup>2</sup> (0.8 to 1.2 L/m<sup>2</sup>) per surface.  
**NOTE:** Each pail has a volume of 4.75 gal (18 L), therefore one pail covers 158 to 237 ft<sup>2</sup> (14.7 to 22.0 m<sup>2</sup>) on one surface.

### Precautions:

1. Review Safety Data Sheet (SDS) prior to use.
2. **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.
3. Avoid skin contact with Multi-Purpose MB Flashing Cement, and always work in well ventilated areas with proper clothing and safety equipment.
4. Prevent fumes from entering rooftop air handling equipment.
5. **DO NOT THIN** Firestone Multi-Purpose MB Flashing Cement.
6. **DO NOT** use Firestone Multi-Purpose MB Flashing Cement with wood fiber insulation, except Structodek High Density Fiberboard Roof Insulation.

### LEED® Information:

Post-Consumer Recycled Content: 0%  
 Post Industrial Recycled Content: 0%  
 Manufacturing Location: Kimberton, PA  
 Indianapolis, IN



\*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

### Typical Properties (Meets ASTM D 4586, Type I. Tested in accordance with D 6511)

Property	ASTM Standard Required Value	Firestone Typical Performance
Water content, max	3%	≤ 1.0%
Nonvolatile content, min	70%	≥ 85%
Mineral and/or other stabilizers	15% – 40%	31%
Strength of lap at indicated age, min, width at 34 h	---	35.0 lbf/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 (1.09 kg/L)
Specific Gravity	---	1.14
Solvent	---	Stoddard Solvents
Solids	---	76.2%

Please contact Firestone Technical Services at 1-800-428-4511 for further information.

*This sheet is meant to highlight Firestone products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications or other technical documents, subject to normal roof manufacturing tolerances. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.*