

# Technical Information Sheet



## Multi-Purpose MB Flashing Cement

Item Description	Item Number
4.75 Gallon (17 L) Pail	W70RACMFC5P
<i>Meets or exceeds performance requirements of ASTM D 4586, Type I</i>	

### Description

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

### Method of Application

1. Elevate 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 Elevate Multi-Purpose MB Flashing Cement will be applied must be clean, dry, and free of sharp objects, foreign materials, oil, grease, and contaminants.
3. Elevate Multi-Purpose MB Flashing Cement can be applied over suitable substrates with a suitable trowel.
4. Do not apply Elevate Multi-Purpose MB Flashing Cement to wood fiber insulation, except Structodek® High Density Fiberboard Roof Insulation.
5. Elevate 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 Elevate 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
- Elevate 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.HolcimElevate.com](http://www.HolcimElevate.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).
- Elevate 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 Elevate 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.

## Shelf Life

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

- Refer to Safety Data Sheets (SDS) for additional safety information.
- **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 Elevate Multi-Purpose MB Flashing Cement.
- DO NOT use Elevate 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 or Indianapolis, IN

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



**Typical Properties** (Meets or exceeds performance requirements of ASTM D 4586, Type I)

Properties	ASTM Standard Required Value	Elevate 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 Holcim Technical Services at 800-428-4511 for further information.

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