

Multi-Purpose MB Cold Adhesive



Item Description

4.75 Gallon Pail
55 Gallon Drum
275 Gallon Tote

Item Number

W70RACMCA5
W70RACMCAD
W70RACMCAT

Meets or exceeds performance requirements of ASTM D 3019 Type III and D 4479 Type I.

Product Information

Description:

Firestone Multi-Purpose MB Cold Adhesive consists of an asphalt matrix with non-asbestos fibers and performance additives designed to meet adhesion characteristics necessary for horizontal applications of select Firestone Base Sheets, Cap Sheets, and as a lap adhesive in two-ply SBS or APP Cool Systems.

Method of Application:

1. Store Firestone Multi-Purpose MB Cold Adhesive at 60 °F to 80 °F (15 °C to 27 °C). If exposed to lower temperatures, restore to room temperature before use.
2. Apply Firestone Multi-Purpose MB Cold Adhesive when the ambient temperature is above 40 °F (4 °C) and rising.
3. Substrate to which Firestone Multi-Purpose MB Cold Adhesive is to be applied must be clean, dry, and free of sharp objects, foreign materials, oil, grease and contaminants.
4. Apply over suitable substrates with a ¼" (6.5 mm) notched neoprene squeegee or airless sprayer.
5. Do not apply Firestone Multi-Purpose MB Cold Adhesive to wood fiber insulation, except Structodek High Density Fiberboard Roof Insulation.
6. For superior adhesion, apply in a continuous layer approximately ⅛" (3 mm) thick.
7. For best results, roofing sheets should be laid in place while the adhesive has a shiny appearance. Apply pressure by rolling the membrane into the Firestone Multi-Purpose MB Cold Adhesive for full adhesion.
8. Cover all containers tightly when not in use to prevent spills and thickening of the adhesive.

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 Insulation, ISOGARD™ HD Composite or Cover Board, RESISTA™ Insulation.

NOTE: Please consult the appropriate Design Guide and QuickSpecs online at www.firestonebpc.com to review specific information regarding the type of deck and insulation in use.

Storage:

- Store unopened Firestone Multi-Purpose MB Cold Adhesive at room temperature (60 °F to 80 °F) (15 °C to 27 °C).
- Adhesive in unopened pails may separate (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.
- Rotate adhesive stock to insure stored material will not go beyond the shelf life of one year.

Shelf Life:

A shelf life of one year can be expected if Firestone Multi-Purpose MB Cold Adhesive is stored in the original sealed container at temperatures between 60 °F (15.6 °C) and 80 °F (26.7 °C).

TECHNICAL INFORMATION SHEET



Multi-Purpose MB Cold Adhesive

Coverage Rate:

Apply Multi-Purpose MB Cold adhesive at a rate of 1.5 – 2.0 gal per 100 ft² (0.6 – 0.8 L per m²).

NOTE: Each pail has a volume of 4.75 gal (18 L), therefore one pail covers 237 – 316 ft² (22.0 – 29.4 m²).

Precautions:

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

LEED® Information:

Post Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

Manufacturing Location: Kimberton, PA or Garland, TX

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



Physical Properties

(Meets ASTM D 3019, Type III and D 4479, Type I. Tested in accordance with D 36 and D 6511.)

Property	ASTM Standard Required Value	Firestone Typical Performance
Water, volume of original sample, max:	≤ 2.5%	≤ 1.0%
Solubility in trichloroethylene, min:	≥ 80%	≥ 80%
Strength of the lap at indicated age, min, width at 24 h:	17.0 lbf/in (3.0 kN/m)	35.0 lbf/in (6.0 kN/m)
Nonvolatile matter, min:	50%	≥ 80%
Mineral or other stabilizer:	≥ 5 ≤ 20	5.5
Asphalt, min:	40 %	≥ 50%
V.O.C. content:	n/a	≤ 205 g/L
Viscosity @ 77 °F (23 °C):	n/a	20,000 cP
Density:	n/a	10 lb/gal (1.1 kg/L)
Specific Gravity:	n/a	1.14
Flash point:	n/a	115 °F (46 °C)
Solvent:	n/a	Stoddard Solvents
Solids, min:	n/a	≥ 82%
Pliability @ 32 °F (0 °C):	n/a	Pass

Please contact The Quality Building Services Technical Department at 1-800-428-4511 for further information.

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