

Product Data Sheet

Multi-Purpose MB Cold Adhesive

Item Description	Item Number
4.75 Gallon (18 L) Pail	W81RACMCA5P
55 Gallon (208.2 L) Drum	W81RACMCADP
275 Gallon (1041 L) Tote	W81RACMCAT

Description

GenFlex 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 GenFlex Base Sheets, Cap Sheets, and a lap adhesive in two-ply SBS or APP Cool Systems.

Method of Application

1. Store GenFlex Multi-Purpose MB Cold Adhesive at 60 to 80 °F (15 to 27 °C). If exposed to lower temperatures, restore to room temperature before use.
2. Apply GenFlex Multi-Purpose MB Cold Adhesive when the ambient temperature is above 40 °F (4 °C) and rising.
3. Substrate to which GenFlex 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 GenFlex 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 GenFlex 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.

NOTE: Adhesive in unopened drums 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 using a mechanical mixer, such as a Jiffy Mixer (<http://www.jiffymixer.com/product/ps-2/>), and the adhesive will function as intended.

Storage

- Store unopened GenFlex Multi-Purpose MB Cold Adhesive at room temperature 60 to 80 °F (15 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 ensure stored material will not go beyond the shelf life of two years.

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).

Shelf Life

A shelf life of two years can be expected if GenFlex Multi-Purpose MB Cold Adhesive is stored in the original sealed container at temperatures between 60 to 80 °F (15 to 27 °C).

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** GenFlex Multi-Purpose MB Cold Adhesive.
- **DO NOT** use GenFlex Multi-Purpose MB Cold Adhesive 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 - (Meets ASTM D 3019, Type III. Tested in accordance with D 36 and D 6511)

Property	ASTM Standard Required Value	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)	47 mil (1.2 mm)
Nonvolatile matter, min.	50%	≤ 80%
Asphalt, min.	40%	≤ 50%
V.O.C. content	---	< 250 g/L
Viscosity @ 77 °F (23 °C)	---	20,000 cP
Density	---	10 lb/gal (1.1 kg/L)
Specific Gravity	---	1.14
Flash Point	---	115° F (46 °C)
Solvent	---	Stoddard solvents
Solids, min.	---	≤ 82%
Pliability @ 32 °F (0 °C)	---	pass

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

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