

MATRIX™ 220

Two-Part Flashing Cement

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North America's Largest Roofing Manufacturer!™*



MATRIX™ 220

TWO-PART FLASHING CEMENT

Description

Matrix™ 220 Two-Part Flashing Cement is a two-component, cold-applied asphalt modified polyurethane for use on SBS and BUR roofing systems.

Advantages

- Two-part formula has a quick set-up and cure time
- Excellent adhesion to a variety of substrates including BUR and SBS cap sheets
- Low VOC, less than 200 grams/liter
- Excellent for hanging wall flashings
- High solids content and does not shrink
- Low odor
- Can accept roofing granules or coating to match rest of roof

Uses

Matrix™ 220 Two-Part Flashing Cement can be used on a variety of flashing applications, including wall flashings, penetrations, and repairs. It can be used with or without TOPCOAT® Flashing Fabric for additional strength for difficult flashing applications. Due to its excellent adhesive characteristics, Matrix™ 220 Two-Part Flashing Cement is ideal for hanging wall flashings. It adheres to SBS, BUR, concrete, brick/masonry, wood, and metal.

Surface Preparation

On metal or non-porous substrates, clean with solvent and/or hand tool to expose bare metal. Otherwise substrates must be clean and dry with no oil, grease, or loose debris. No primer is required.

Mixing

Prior to mixing, keep material at 60°F (16°C) or above as cold material can be more difficult to mix. Utilize a heavy-duty 1/2" (12.7 mm) drill capable of 450 to 900 rpm. Mixing blade should be 8" (203 mm) diameter mud mixer. Premix for 1 minute, then slowly add Part B Hardener to Part A Resin and mix thoroughly for 3 minutes. Mix full kits only.



Application

Apply a 30 mil-thick layer approximately 50 ft²/gal [4.65 m²/3.79 L] of Matrix™ 220 Two-Part Flashing Cement with a trowel. When using the three-course application method around a penetration, apply one 30 mil-thick layer of Matrix™ 220 Two-Part Flashing Cement and then immediately layer-in TOPCOAT® Flashing Fabric, followed by another 30 mil-thick layer approximately 50 ft²/gal [4.65 m²/3.79 L] of Matrix™ 220 Two-Part Flashing Cement. When using as an adhesive (e.g., when hanging wall flashings), apply 1/8" (3 mm) coverage on substrate and 1/8" (3 mm) on the back of membrane to ensure the best contact and adhesion. Refer to the complete application instructions for Matrix™ 220 Two-Part Flashing Cement accompanying the product or at gaf.com.

Coverage

Approximate coverage is 25 square per gallon at 60 mil thickness. Matrix™ 220 has minimal difference in wet vs dry mil shrinkage due to high solids and fast cure time.

Clean-Up & Disposal

Empty containers or liners may retain some product residue. Empty containers must be disposed of in an approved landfill in accordance with local, state, and federal regulations

For Application Questions

Contact GAF Technical Services at 1-800-766-3411 or visit gaf.com.

Physical Properties

Physical Properties		
Tensile Strength	D412	157psi
Elongation	D412	121%
Working Time @ 77°F (25°C) (Pot Life)	-	45 ± 15 min
Hardness	D2240	35 Shore A
Permeability to Water Vapor	E398	.35 perm