

# **MATRIX™ 201**

## **Premium SBS Flashing Cement**

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*Quality You Can Trust...From  
North America's Largest Roofing Manufacturer!™*



# MATRIX™ 201

## PREMIUM SBS FLASHING CEMENT (1 OF 2)

Superior  
Bonding  
For  
Maximum  
Flexibility  
& Hold

### Description

Matrix™ 201 Premium SBS Flashing Cement is a premium, asbestos-free formulation for use as a cold-applied bonding agent in SBS modified asphalt roof systems. The high level of modifiers ensures high bonding strength. Heavy, "trowel-grade" consistency makes this product ideal for flashing details, attachment of membrane to steep slopes and parapet walls, and a variety of roofing and waterproofing repairs, especially at moving joints where its flexibility and elasticity make it superior to standard plastic cements.

- Superior bonding strength and high flexibility to accommodate temperature-related expansion and contraction of the roof system
- Exclusive SURE GRIP™ Technology with superior bonding strength and high flexibility
- Easy application...smooth, "trowel-grade" cement maintains excellent low-temperature flexibility

### Uses

Matrix™ 201 Premium SBS Flashing Cement's heavy, "trowel-grade" consistency outperforms standard plastic cements for:

- Sealing end laps and perimeter edges of SBS modified bitumen membranes
- Sealing metal-edge flashing, gutter seams, air-conditioning ducts, etc.
- Repairing splits, breaks, and holes in roofing and flashing
- Attaching flashing to parapet walls, curbs, and roof projections
- Sealing joints of metal roof panels, metal edging, gutters, coping caps, and air-conditioning ducts
- Flashing pipes and projections through below-grade damp-proofing membranes, sealing shingles, and repairing asphalt built-up, metal, and masonry roofs

### Approvals & Certification

Matrix™ 201 Premium SBS Flashing Cement is listed and approved by the following agencies or code bodies: Meets or exceeds the requirements of ASTM D4586 Asphalt Roof Cement Asbestos-free, Type I and ASTM D3409 Asphalt Roof Cement for Damp, Wet, or Underwater Surfaces. Approvals may vary by region. Be sure to review pail labels before purchase.



CODE APPROVALS



### Surface Preparation

All surfaces must be clean, dry, and free from any foreign matter, such as oil, grease, dirt, or debris that could inhibit the bonding capabilities of the cement. On existing roofs, inspect roof deck condition; moisture in old roof may require complete removal of existing roof. Check local building codes; local building codes may require complete removal of existing roof. Contact GAF Technical Services for details on cutting out and repairing blisters, buckles, and raised edges for a smooth surface. Check all flashings, edges, drains, valleys, and vents, and repair as needed.

### Application

**Application Rate:** Typical application rate when embedding polyester, glass, or asphalt-coated cotton fabric is 8 gallons per square (3.26 L/m<sup>2</sup>) for a 1/8" (3 mm) coat. Use 4 gallon per square (1.63 L/m<sup>2</sup>) for a 1/16" (1.6 mm) coat.

**Application Method:** Use a 1/4" (6 mm) notched trowel or squeegee to apply cement evenly to substrate only without gaps, dry areas, or bubbles.

**Attachment: Membrane Flashing:** No cure time before attaching flashing; simply press into place with even pressure, smoothing out wrinkles and bubbles. Apply cement at 1 to 2 gallons per square (.4-.8 L/m<sup>2</sup>) to substrate only (more cement may be needed on rough or porous substrates). Adhere membrane to cemented substrate and press into place, working out any wrinkles or non-adhered areas and making sure a sufficient amount of cement is applied to the laps so that a bead of cement is visible at all lap edges. Mechanically fasten membrane flashing on parapet walls to avoid membrane slippage.

**Coursing:** Apply cement to surface and install glass, polyester fabric, or asphalt-coated cotton fabric into cement; repeat method for desired courses. When finished, coat with another layer of cement.

### Product Specifications (Nominal)

Weight	9.1 lb (4.1 kg) per gallon
VOC (max)	<250 grams/liter
Non-volatile content	65% minimum
SETA Flash Point	110°F (43.3°C)
Sizes	5 gal/18.9 L



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## PREMIUM SBS FLASHING CEMENT (2 OF 2)

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### Application (Continued)

**Metal:** All metal should be primed. Set metal flanges into a full bead of 1/8" (3 mm) thick cement.

Apply cement between joints and apply pressure so that a bead of cement is visible at joint edge.

**Sealing/Repairs:** Apply cement at a 1/8" (3 mm) to 1/4" (6 mm) thickness, working the cement into the opening or crack and spreading beyond repair area approximately 2"-4" (51-102 mm). If repair area is over 1/4" (6 mm) wide or more than 2" (51 mm) long, embed glass or polyester fabric into the cement for added reinforcement, then cover with additional cement extended 2"-4" (51-102 mm) beyond the fabric repair. If desired, repeat procedure for coursing application and feather each layer of fabric beyond the underlying layer.

### Precautions

**Compatibility & Limitations:** Do not use with any APP modified products. Do not use on wet or damp surfaces, directly over wood, or on surfaces previously covered with coal tar products. Do not install over or under polystyrene insulation.

**NOTE:** Matrix™ 201 Premium SBS Flashing Cement should not be used with any APP modified or any modified bitumen membranes that have a plastic film surface or are metal foil-faced. Do not use with burn-off film membranes.

**Temperature Range:** Apply only when temperatures are 45°F (7.2°C) and rising. Cold weather will cause product to stiffen, making application difficult. Store for 24 hours at room temperature prior to application. Do not heat container or attempt to thin this product. Do not apply on substrates that exceed 140°F (60°C).

### Storage/Handling & FIRE WARNING:

Matrix™ 201 Premium SBS Flashing Cement is COMBUSTIBLE and should always be kept away from heat, open flame, and any source of ignition. Observe normal safeguards for storing and handling of this product prior to and during application. Do not allow adhesive to freeze.

**Important:** Repair leaks promptly to avoid adverse effects, including, but not limited to, mold growth.

### Clean Up

Keep containers covered when not in use. Clean equipment and overspray with kerosene, mineral spirits, or petroleum naphtha. Clean hands with waterless hand cleaner.

### Caution

Matrix™ 201 Premium SBS Flashing Cement contains petroleum distillate.

**Ventilation –** Use with adequate ventilation and close containers when not in use. If TLV (Threshold Limit Value) is exceeded, respirators are required (NIOSH/OSHA). Inhalation of high vapor concentration may result in headaches and/or dizziness. Remove individual to fresh air and administer oxygen if breathing is difficult. If breathing has stopped, administer artificial respiration, keep victim warm, and order emergency medical attention immediately.

**Eye Contact –** Rinse immediately with water for 15 minutes and seek medical advice.

**Personal Protection –** Irritation may result from prolonged or repeated contact with skin. Wear chemical-resistant gloves, protective goggles, and protective clothing, if needed.

**Fire Protection –** Matrix™ 201 Premium SBS Flashing Cement is COMBUSTIBLE and should always be kept away from heat, open flame, and any source of ignition.

**Waste Disposal –** 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](http://gaf.com).