

MATRIX™ 307 Premium Asphalt Primer

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



MATRIX™ 307

PREMIUM ASPHALT PRIMER (1 OF 2)

Promotes
Excellent
Bond
For Asphalt
Roof
Systems

Description

Matrix™ 307 Premium Asphalt Primer is a general purpose, asbestos-free foundation coating for all types of asphalt-based roofing materials, e.g., hot-mopped or cold-applied asphalt coatings, roof cements, and asphalt-based roof and flooring adhesives.

- Excellent penetration rate—promotes a tough, weather-resistant bond for coating and adhesives
- Strength and flexibility—accommodates temperature-related expansion and contraction of the roof system
- Easy application—sprayer, brush, or roller; maintains excellent low-temperature flexibility

Uses

Matrix™ 307 Premium Asphalt Primer has an excellent penetration rate that promotes a tough, weather-resistant foundation coating for:

- Concrete and masonry roofs, walls, or floors prior to the use of asphalt cutback adhesives
- Metal edging and flashing, asphalt, or weathered composition roofing prior to the application of hot-mopped or cold-applied built-up roofing materials
- Undercoating for LeakBuster™ aluminum roof coatings or asphalt roof coatings and emulsions
- Gypsum surfaces

Approvals & Certification

Matrix™ 307 Premium Asphalt Primer is listed and approved by the following agencies or code bodies: Underwriters Laboratories (UL), Factory Mutual (FM). Meets or exceeds the requirements of ASTM D41 Type 1 Asphalt Primer Used in Roofing, Damp Roofing, and Waterproofing. Approvals may vary by region. Be sure to review pail labels before purchase.

Surface Preparation

All surfaces to be primed 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 primer. Sweep (or wire-brush metal surfaces) and remove oil, grease, dirt, or other foreign material that could inhibit bonding. On existing roofs, inspect roof deck condition; moisture in old roof may indicate need for roof repair. 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 is 1/2 gallon per square (.2 L/m²); varies with texture of surface to be primed. Drying time is 4–8 hours between coats.

Material Preparation: Stir well before application.

Application Method: Apply primer with a roller, brush, or sprayer, covering the surface at an even 1 gallon per 500 square feet (.08 L/m²).

Spray: A Graco 45:1 pump or equivalent is recommended. Consult equipment manufacturer for optimum psi, spray tip size, length of hose, and number of spray guns to achieve uniform coat.

Brush: Apply smooth, even coat, using parallel strokes for a uniform coat. If first coat is completely absorbed, apply a second coat.

Roller: Apply smooth, heavy coat, using parallel strokes for a uniform coat.

Precautions

Compatibility & Limitations: Do not use on wet or damp surfaces or on surfaces previously covered with coal tar products. On concrete decks, previous use of wax/resin curing compound may inhibit bonding.

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 24 hours at room temperature prior to application. Do not heat container or attempt to thin this product. Not recommended for application on substrates that exceed 140°F (60°C).

Storage/Handling & FIRE WARNING:

Matrix™ 307 Premium Asphalt Primer 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 primer 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.



CODE APPROVALS



Cements and coatings for roofing systems as to external fire exposure.

Product Specifications (Nominal)

Weight	7.4 lb (3.36 kg) per gallon
VOC (max)	350 grams/liter
Non-volatile content	85% by weight minimum
Sizes	3 gal/11.4 L or 5 gal/18.9 L or 55 gal/208.2 L



MATRIX™ 307

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Caution

Matrix™ 307 Premium Asphalt Primer contains petroleum distillate. Do not thin.

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™ 307 Premium Asphalt Primer 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.