

LeakBuster™ Matrix 602 MB
Xtra Elastomeric Roofing Membrane
Data Sheet

Updated: 3/09



*Quality You Can Trust Since 1886...
From North America's Largest Roofing Manufacturer™*

Description

Matrix™ 602 MB Xtra Elastomeric Roofing Membrane is a solvent-based, sprayable thermoplastic rubber liquid, which cures to form a seamless rubber membrane. It is highly reflective, flexible and protects the roof substrate from the effects of the sun's heat and ultra violet radiation. Matrix™ 602 MB Xtra Membrane is an ENERGY STAR® Qualified Reflective Product which will help in reducing the building temperatures. Advantages include extra protection from thermal shock—high flexibility to accommodate temperature-related expansion and contraction of the roof system.

- ENERGY STAR® Qualified Reflectivity can dramatically decrease interior building temperatures
- Meets the stringent standards for solar reflectance and thermal emittance set by the California Energy Commission for a cool roof
- Ideal for modified bitumen, Hypalon, BUR, metal, TPO, wood, concrete, PVC and EPDM
- Designed to be applied at temperatures as low as 32°F
- Strong; forms a flexible seal that will not become brittle
- Flexible; will expand and contract with roof

Uses

MATRIX™ 602 MB Xtra Elastomeric Roofing Membrane is an ENERGY STAR® Qualified Reflective Product which will help in reducing interior building temperatures for:

- Modified Bitumen, BUR, Hypalon®, TPO, metal, wood, concrete, PVC and EPDM roof substrates
- Protect and restore aged roofs

Approvals & Certification

MATRIX™ 602 MB Xtra Elastomeric Roofing Membrane meets or exceeds the requirements of ASTM D-412, ASTM B-117, ASTM C-794, ASTM G-21, FTMS 141.6271, ASTM D-21-96, ASTM D-1475 and ASTM E-1644. Approvals may vary by region. Be sure to review paint labels before purchase.



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 coating. 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 Contractor 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. Use MATRIX™ 203 Plastic Roof Cement for repairs and follow can instructions. Repaired areas using roof cement must weather a minimum of 90 days.



Application

Application Rate: Typical application rate is between 1.25-1.75 gallons per square per coat and varies with texture of surface to be coated.

Application: Stir before application. Apply coating with roller, brush or sprayer, covering the surface at an even rate. For spray application, use a Graco 30:1 ratio pump or equivalent, capable of delivering 3-5 gallons a minute. Recommended method for application is by airless sprayer.

Installation Method: 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, heavy coat using parallel strokes for uniform coat. For maximum reflective surface, DO NOT OVER BRUSH. **Roller:** Apply smooth, heavy coat, using parallel strokes for uniform coat.

Precautions

Compatibility & Limitations: Coating can be applied over smooth, dry, sound BUR or MB only (surface must be older than 90 days).

Important: Roof must have positive drainage and must not pond water for longer than 48 hours after precipitation. Do not apply on coal tar substrates, roofs that have been covered with gravel or existing silicone-based coatings. The surface must be free of ponding water, ice, snow, splits, oils, grease and debris.

Temperature Range: Apply only when temperatures are 45°F (7°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 120°F (48°C).

Storage/Handling: MATRIX™ 602 MB Xtra Elastomeric Roofing Membrane is **COMBUSTIBLE**. Always keep 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 coating 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 over spray with soap and water. Clean hands with waterless hand cleaner or soap and water. Dried material should be removed with mineral spirits or petroleum naphtha.

Caution

Do NOT take MATRIX™ 602 MB Xtra Elastomeric Roofing Membrane internally. If swallowed, do not induce vomiting. CALL PHYSICIAN 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™ 602 MB Xtra Elastomeric Roofing Membrane 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.

DATA REPORTED ARE BASED ON AVAILABLE INDEPENDENT AND IN-HOUSE RESOURCES. GAF MATERIALS CORPORATION RESERVES THE RIGHT TO CHANGE OR MODIFY, AT ITS DISCRETION AND WITHOUT PRIOR NOTICE, ANY OF THE INFORMATION, REQUIREMENTS, SPECIFICATIONS OR POLICIES CONTAINED IN THIS DOCUMENT.

Limited Warranty

GAF Materials Corporation warrants that at the time of delivery, the product contained herein shall conform to GAF's specifications therefor. THIS GAF WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. It is purchaser's sole responsibility to determine suitability of this product for any particular application. Recommendations made by GAF are believed to be reliable but GAF makes NO WARRANTY OF RESULT to be obtained. Purchaser's sole and exclusive remedy, regardless of the theory on which a claim may be based (including, without limitations, negligence, contract, breach of warranty, strict product liability or misrepresentation) is the replacement of this product or in alternative, the original purchase price of this product. In NO event shall GAF be liable for INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT OR PUNITIVE DAMAGES. Purchaser must notify GAF, in writing of any claims at 1361 Alps Road, Building 11, Wayne NJ, 07470; Attention Guarantee Services Dept. within 30 days of discovery of any alleged manufacturing defect. Purchaser must allow GAF to inspect this product as installed as part of the claims procedure, or, at GAF's option, must provide GAF, with sample cuts taken from the roof. No agent or employee of GAF or anyone else is authorized to modify the terms of this limited warranty.

Physical Properties

Application Rate:	1.25 – 1.75 gallons / 100 sq.ft. per coat
Application Method:	Airless sprayer, roller or brush
Application Temperature (air, surface):	32°-120°F
Drying Time (75°F, 50% RH):	Approximately 24 hours per coat
Total Solids (by weight):	64% ± 3%
Specific Gravity / Weight per Gallon:	1.20 / 10.1 lbs.
VOC (max):	315 grams/liter
Viscosity (75°F):	11,000 ± 2,000 cps
Tensile Strength:	700 psi
Elongation:	650%
Storage:	Store in well-ventilated area at 50°F to 80°F; protect from freezing
Shelf Life:	1 year
Sizes:	5 gal/18.9 L or 55 gallon/208.2 L

For Application Questions

GAFMC Contractor Services at 1-800-766-3411 or visit www.gaf.com

Manufactured By:
GAF Materials Corporation
1361 Alps Road, Wayne, NJ 07470

