

TOPCOAT® Liquid-Applied Roofing Systems

322 White Elastomeric Coating

(TOPGN160)

Updated: 7/14



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



322 WHITE ELASTOMERIC COATING

FORMERLY LEAKBUSTER™ MATRIX™ 322 ELASTOMERIC ROOF COATING

Description

TOPCOAT® 322 White Elastomeric Coating is a styrene acrylic-based roof coating that forms a seamless and flexible layer of protection for your roof. This coating is designed to seal and dramatically reduce the surface temperatures and to resist heat absorption and cracking due to thermal shock. TOPCOAT® 322 White Elastomeric Coating is an ENERGY STAR® qualified (U.S. only) reflective product, which will help in reducing interior building temperatures. Formulated to provide a tough, durable, weather-resistant coating, this flexible, fast-drying elastomeric coating adheres readily to most roofing substrates and is designed to protect the roof substrate from the damaging effects of the sun's heat and ultraviolet radiation.

- 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
- Offers high tensile strength and elongation, and is virtually undamaged by extended exposure to solar ultraviolet energy
- Low VOC, non-flammable, and presents minimal hazard to the applicator
- Provides a protective and reflective finish that will keep the sun's damaging rays from prematurely aging your roof, while keeping the substrate temperatures substantially lower to alleviate stress on the membrane

Uses

TOPCOAT® 322 White Elastomeric Coating is an ENERGY STAR® qualified reflective product, which will help in reducing interior building temperatures for:

- Smooth-surface asphalt built-up and modified bitumen membranes (aged for a minimum of 90 days)
- Protection and restoration of aged roofs

Approvals & Certification

TOPCOAT® 322 White Elastomeric Coating meets or exceeds the requirements of ASTM D1653, ASTM D412, ASTM G26, ASTM G29, ASTM B117, ASTM C794, ASTM G21, FTMS 141.6271, FTMS 141.6221, ASTM D2243-90, ASTM D2196, ASTM D2240, ASTM D2794, ASTM D1475, ASTM E1644, ASTM D2697, ASTM E470, ASTM G53. Approvals may vary by region. Be sure to review pail 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 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. Use Matrix™ 203 Plastic Roof Cement for repairs and follow can instructions. Repaired areas using roof cement must weather a minimum of 90 days.

TOPCOAT® 322 WHITE ELASTOMERIC COATING TECHNICAL DATA

Application Rate:	1.0 gallons/100 sq.ft. per coat
Application Method:	Airless sprayer, roller, or brush
Application Temp (air, surface):	45° - 120°F
Drying Time (75°F, 50% RH):	Approximately 24 hours per coat
Weight:	8.8 lbs per gallon
VOC (max):	<50 grams/liter
Non-Volatile Content:	47-53% minimum
Storage:	Store in well-ventilated area at 50°F to 80°F; protect from freezing
Non-Volatile Content:	85% by weight minimum
Sizes:	3, 5, or 55 gallon



322 WHITE ELASTOMERIC COATING (continued)

Application

Application Rate: Typical application rate is 1 gallon per 100 square feet per coat. Typical applications require 2 coats. Application rate may vary with surface conditions and membranes used.

Application Method: Stir before application. Apply coating with roller, brush, or sprayer, covering the surface at an even rate of 1 gallon per 100 square feet. 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.

Spray: A Graco 30:1 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 OVERBRUSH.

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

System Installations: See membrane manufacturer's application instructions for use in roof systems.

Precautions

Compatibility & Limitations: BUR and MB surfaces must be aged for a minimum of 90 days. Do not use on extremely wet surfaces, directly over wood, or on surfaces previously covered with coal tar products. Do not apply if there is a threat of rain within 24 hours. Do not use over coal tar or rubber membranes or over shingles of any kind.

Temperature Range: Apply only when temperatures are 45°F (5.5°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: TOPCOAT[®] 322 White Elastomeric Coating 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 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 overspray with soap and water. Clean hands with waterless hand cleaner or soap and water. Dried material should be removed with mineral spirits or biodegradable turpentine solvent.

For Application Questions

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