FireOut™ Fire Barrier Coating

Product Data Sheet | Formerly TOPCOAT® FireOut™ Fire Barrier Coating

PRODUCT DESCRIPTION

FireOut™ Fire Barrier Coating is a low-VOC water-based coating system that provides outstanding flame spread and penetration protection to combustible roof decks in the event of fire. Using FireShield® technology, **FireOut™ Fire Barrier Coating** can provide UL Class A performance with mechanically attached and self-adhered TPO, PVC, and modified bitumen roof systems. FireOut™ Fire Barrier Coating can be applied by roller, squeegee, or airless sprayer, and its rapid application and drying time provides the speed and simplicity to accelerate projects and save time and money over conventional gypsum board or fire-resistant slip sheet systems.

PACKAGING & SHELF LIFE

5-gallon (18.9 liter) pail
55-gallon (208 liter) drum

Shelf life: 9 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area at 42°F – 140°F (5.6°C – 60°C). Storage outside this temperature range may shorten shelf life. Keep containers covered when not in use. Do not allow coating to freeze.

GAF Liquid-Applied

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BASIC USES & ADVANTAGES

FireOut™ Fire Barrier Coating is designed to provide UL Class A protection over combustible decks when used with the following systems:

- EverGuard® Mechanically Attached TPO
- EverGuard® Mechanically Attached PVC
- RUBEROID® Modified Bitumen Membrane
- LIBERTY™ Self-Adhering Modified Bitumen Membrane

Approvals & Certification

- UL Listed

Advantages

- **Self-Extinguishing**... Active coating expands in the presence of heat or flame to form a protecting insulation layer.
- **Installs Faster**... Simple, one-step application installs in less than half the time of gypsum board or fire- resistant slip sheet application.
- **Safer Installation**... No torches, hot asphalt, or fumes; less material on the roof.
- **Easy Application**... Choose from spray, roller, or squeegee for maximum flexibility.

PHYSICAL PROPERTIES

FIREOUT™ FIRE BARRIER COATING	
Application Rate:	1.0 gallons /100 ft² (4.1 L /10 m²) minimum
Application Temperature (air, surface):	42°F – 120°F (5.6°C – 48.9°C)
Drying Time (75°F, 50% RH):	Approximately 1 hour

Wet Mil Thickness:	16 wet mils (0.4 mm)
Dry Mil Thickness:	9 dry mils (0.23 mm)
Solids Content:	9.7 lb per gallon (1.16 kg per liter)
VOC Content (max):	<50 grams/liter

APPLICATION INSTRUCTIONS

Substrate Preparation: Roof must have positive drainage with no moisture trapped in the roof membrane. For non-metal roofs, GAF requires a moisture scan be performed by an independent source prior to issuance of a GAF guarantee.* Roof substrate must be clean, completely dry, and free from any foreign matter. Pressure wash to remove all dust and debris, and allow to dry. Examine substrate to receive new roofing and conduct test patches to verify adhesion of coating prior to start of work. Check for any damaged roof membranes, including all flashings and penetrations, and repair as needed.

Mixing: FireOut™ Fire Barrier Coating is a ready-to-use material; however, some settling of material may have occurred during shipment and storage. Mix prior to use with a ¾ horsepower or larger mixer with a blade capable of uniformly mixing the entire container. For 5-gallon (18.9 liter) pails, use 3" (76 mm) minimum diameter mixing blades. For 55-gallon (208 liter) drums, use 6" (152 mm) minimum diameter mixing blades.

Application: Apply **FireOut™ Fire Barrier Coating** with a roller, squeegee, or airless sprayer, covering the surface at one gallon per 100 ft² (4.1 L/10 m²). A wet mil film gauge should read 16 wet mils (0.4 mm) minimum. Allow to fully dry before continuing with roof installation.

Spray: A minimum 35:1 pump (3,000 psi [20,685 kPa], 2.3 to 3.0 gals per minute [8.7 – 11.4 L/min]) or equivalent is recommended. Consult equipment manufacturer for optimum psi and length of hose to achieve uniform coat. Use a 0.045" (1.1 mm) reversible tip or larger to reduce clogging.

Roller: Use a heavy nap roller and apply a smooth, heavy coat, using parallel strokes for uniform coating. Apply the material directly from the pails and immediately begin spreading. Check to see that thickness is 16 wet mils (0.4 mm) minimum with a wet mil gauge.

Squeegee: When using a squeegee, it should have 1/4" (6 mm) serrations to apply a uniform, smooth, even coat without gaps, dry areas, or bubbles. Apply the material directly from the pails and immediately begin spreading. Check to see that thickness is 16 wet mils (0.4 mm) minimum with a wet mil gauge.

CAUTION: Be sure that the product is dry before walking on it, since the product is slippery while still wet. The whitish-pink cast of the wet material turns brown when the product is dry, and is an excellent visual indicator.

For Application Questions: Contact GAF Technical Services at 1-800-766-3411 or visit gaf.com.

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LIMITATIONS & PRECAUTIONS

Compatibility & Limitations: Do not use on wet or damp surfaces.

Application Temperature Range: Apply only when temperatures are 42°F (5.6°C) and rising. Do not heat container or attempt to thin this product. Not recommended for application on substrates that exceed 120°F (48.9°C).

Ventilation: Use with adequate ventilation and close containers when not in use. If TLV (Total Level of Vapor) 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.

Waste Disposal: Empty containers must be disposed of in an approved landfill in accordance with local, state, and federal regulations.

SAFETY & HANDLING

For specific information regarding safe handling of this material, please refer to OSHA guidelines and product Safety Data Sheet (SDS).

CLEAN-UP

Keep containers covered when not in use. Clean equipment and overspray with water and soap. Clean hands with water and soap or waterless hand cleaner.

GAF
1 Campus Drive
Parsippany, NJ 07054
1-800-ROOF-411
gaf.com

See applicable warranties and guarantees for complete coverage and restrictions.