

# FIREOUT™ FIRE BARRIER COATING

## Description

TOPCOAT<sup>®</sup> 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<sup>®</sup> 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.

## FireOut™ Fire Barrier Coating 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

## Uses

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

- EverGuard<sup>®</sup> Mechanically Attached TPO
- EverGuard<sup>®</sup> Mechanically Attached PVC
- Ruberoid<sup>®</sup> Modified Bitumen Membrane
- Liberty<sup>®</sup> Self-Adhering Modified Bitumen Membrane

## Approvals & Certification

Fireout™ Fire Barrier Coating is classified by Underwriters Laboratories (UL). Consult the current edition of the UL Approvals Directory for full images.

## Surface Preparation

Deck must be constructed to comply with all local building codes for deck construction.

All surfaces to be treated with FireOut™ Fire Barrier Coating must be clean, dry, and free from any foreign matter, such as oil, grease, dirt, or debris.

## Application

**Application Rate:** Application rate is 1 gallon per square.

Allow minimum of 1 hour drying time before allowing foot traffic, depending upon temperature and humidity.

**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.

**Material Preparation:** Stir well with low-speed mechanical agitation for a minimum of 2 minutes prior to application. Stage pails upside down before opening to facilitate mixing.

**Application Method:** Apply FireOut™ Fire Barrier Coating with a roller, squeegee, or airless sprayer, covering the surface at one gallon per 100 square feet. A wet mil film gauge should read 16 wet mils (0.016") minimum. Allow to fully dry before continuing with roof installation.

**Spray:** A minimum 35:1 pump (3000 psi, 2.3 to 3.0 gals per minute) or equivalent is recommended. Consult equipment manufacturer for optimum psi and length of hose to achieve uniform coat. Use a 0.045" 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 (0.016") 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 (0.016") minimum with a wet mil gauge.

## Precautions

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

**Application Temperature Range:** Apply only when temperatures are 42°F (7.2°C) and rising. Do not heat container or attempt to thin this product. Not recommended for application on substrates that exceed 140°F (60°C).

(continued)

# **FIREOUT**<sup>™</sup> **FIRE BARRIER COATING** (continued)

## **Precautions (continued)**

**Storage/Handling:** Do not allow FireOut<sup>™</sup> Fire Barrier Coating to freeze; if product freezes, discard it.

**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.

**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.

## **TOPCOAT<sup>®</sup> FIREOUT<sup>™</sup> FIRE BARRIER COATING TECHNICAL DATA**

Application Rate:	1.0 gallons/100 sq. ft minimum
Application Temperature (air, surface):	42°F – 120°F
Drying Time (75°F, 50% RH):	Approximately 1 hour
Wet Mil Thickness:	16 wet mils
Dry Mil Thickness:	9 dry mils
Solids Content:	9.7 lbs per gallon
VOC Content (max) :	<50 grams/liter
Storage:	42°F – 140°F
Shelf Life:	9 months
Unit Sizes:	5 or 55 gallon