

ODOR BLOCKER & STAIN BLOCKER

# RECON

## SMOKE ODOR SEALER

### A Solvent Free Smoke Odor Sealant With OdorLock™ Technology

RECON Smoke Odor Sealer is a revolutionary solvent free smoke odor sealant and stain blocker designed to encapsulate malodors on multiple surfaces and block the toughest stains. RECON Smoke Odor Sealer with OdorLock technology is water based, permeable and is not flammable.

Unlike typical water based coatings that “wick” smoke odors and stains out of the substrate as they dry, RECON Smoke Odor Sealer with OdorLock technology prevents smoke odors and stains from migrating through the coating while maintaining its breathability. This technology provides one coat odor control on most surfaces and continues to block odors even with seasonal changes in temperature and humidity. RECON Smoke Odor Sealer is your final step to encapsulate residual odors typically found on fire damage restoration projects.



- Permanently encapsulates smoke odors
- Excellent stainblocker
- Water based and non-flammable
- Exceptional application characteristics
- Bonds to nearly any substrate
- Highly permeable, doesn't trap moisture

## RECON

### Smoke Odor Sealer

3090-White, 3091-Clear

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#### SURFACE PREPARATION

Warning! If you scrape, sand, or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Prior to applying Fiberlock's RECON Smoke Odor Sealer it is critical that the substrate be thoroughly cleaned. Smoke odor encapsulation is a final step that needs to be part of a comprehensive smoke/odor management protocol. This protocol should include the following steps: Odor Cleaning, Odor Neutralization and Odor Encapsulation.

Fiberlock recommends cleaning with RECON Heavy Duty Cleaner or Extreme Duty Cleaner, followed by the application of RECON Extreme Duty Odor Counteractant. After the substrate is clean, dry and sound apply RECON Smoke and Odor Sealer to encapsulate any residual odors that remain.

#### APPLICATION TOOLS

Apply RECON Smoke Odor Sealer with a brush or airless spray equipment.

- Brush: Synthetic, nylon or polyester bristle
- Roller: Not recommended
- Spray Settings:
- Pressure: 2000-3000 P.S.I.
- Tips: .017 to .021 tips

#### TINTING AND TOPCOATING

RECON Smoke Odor Sealer may be tinted to any off-white or pastel based color. Add up to 2 oz. of universal colorant per gallon. Start with 50% of the tinting formula and adjust as necessary. RECON Smoke Odor Sealer can be top-coated with water based paints.

#### PRODUCT APPLICATION

Apply RECON Smoke Odor Sealer generously and uniformly by brush or airless spray. Roller application is not recommended. Apply one coat of RECON Smoke Odor Sealer and ensure that the finished surface is properly sealed. To ensure that the finished surface is properly sealed, two-coats may be required on some porous or heavily stained surfaces. Topcoat floor applications when foot traffic or heavy storage is expected. RECON Smoke Odor Sealer is tintable up to 2 oz. of universal liquid colorant per gallon.

HVAC Application: RECON Smoke Odor Sealer can be used to encapsulate malodors within HVAC systems as part of fire damage restoration. This product can be used in both fiberglass lined and unlined ductwork. Surfaces should be clean, dry and sound prior to application. RECON Smoke and Odor Sealer meets requirements of NFPA 90A/90B standard.

#### TOPCOATING

Wait at least 24 hours prior to topcoating @ 70 - 77°F, 50% R.H. Lightly sand and clean surface of Recon Smoke Odor Sealer prior to topcoating. Do not topcoat Recon Smoke Odor Sealer with anything less than a quality 100% acrylic latex coating with an eggshell sheen or higher. Avoid enamel, alkyd and oil based paint topcoats. Test patch prior to application is recommended. Failure to follow these guidelines could result in cracking or “alligatoring” on certain substrates.

#### COVERAGE

- Smooth Surfaces: 200-400 ft<sup>2</sup>/gal.
- Porous Surfaces: 100-200 ft<sup>2</sup>/gal.

#### DRYING TIME @ 70°F 50% R.H.

- To Touch: 30 Min.
- Recoat: 4 Hours

#### CLEANUP

Clean tools and drippings with warm soapy water before RECON Smoke Odor Sealer dries. Dispose of waste according to all existing local, state and federal regulations.

#### PRECAUTIONS

Store in a dry place at temperatures between 50°F (10°C) and 90°F (32°C). Stir thoroughly. Do not mix with any other coatings, solvents or colors in oil. Do not apply when air or surface temperature is below 50°F, or when drying conditions are poor or when surfaces are above a 15% moisture level content. Use adequate ventilation during application. When applying with a sprayer, wear a NIOSH approved respirator with any R, P, N or HE filter. For interior use only.

#### CAUTION!

##### KEEP OUT OF REACH OF CHILDREN.

Do not take internally. Close container after each use. Keep from freezing.

Store between 50°F (10°C) and 90°F (32°C)  
24hour Emergency “CHEM-TEL” - 800.255.3924

#### Properties

##### Product Specifications

Solids by Weight ± 2%:	51.4%
Solids by Volume ± 2%:	44.0%
Viscosity at 70°F:	75 Kreb Units
Specular Gloss:	82° ± 5 @ 60°
Flash Point:	Non-combustible
Shelf Life:	36 Months Min. (Original Sealed Container)

##### Calculated VOC:

White:	68 grams/liter
Clear:	60 grams/liter

##### Coverage

Smooth Surfaces:	200-400 ft <sup>2</sup> /gal
Porous Surfaces:	100-200 ft <sup>2</sup> /gal

##### Drying Times (@ 70 - 77°F, 50% R.H.)

To Touch:	30 Min.
To Recoat:	4 hours
Minimum Application Temp:	55°F (12.7°C)
<i>In areas with high humidity, apply when surface temperature is 60°F or higher.</i>	

##### Available Package Sizes

1 & 5 gallon containers	
Weight Per Gallon ± .5 lbs:	9.6 lbs/gal

##### Product Testing

Fire Rating:	ASTM E84 Class A
Flame Spread:	10
Fuel Contribution:	10
Smoke Density:	5
Test Facility:	Southwest Research Institute
Water Vapor Permeance:	ASTM E96B
@ 10 dry film thickness:	19.274 perms

