



TECHNICAL DATA SHEET

RV SHIELD™ ONESEAL® SPRAY SEALER

A flexible solvent-based acrylic sealer

PRODUCT DESCRIPTION

RV Shield™ OneSeal® Spray Sealer is a solvent-based acrylic sealer used to patch and repair a variety of roofing substrates. It is made from a highly flexible, UV resistant all-acrylic formulation designed to be used as a long-term repair option by providing a water-tight, flexible seal that prevents moisture penetration and corrosion.

BASIC USES

RV Shield OneSeal Spray Sealer can be used on a variety of roofing substrates that include single ply, fiberglass, and metal.

FEATURES AND BENEFITS

- Easy-to-use
- Fast-drying, one coat application
- Excellent adhesion and UV stability
- Great flexibility at low temperatures
- Can be applied directly to Kynar® coated panels
- Quick and easy roof repairs
- Can generate film build quickly for all types of jobs
- For long lasting repairs
- Eliminates cracking at low temperatures
- Customize roof repair from horizontal to vertical surfaces

PACKAGING

Sold per case. 1- case contains (6) 13 oz aerosol cans.

COLORS

White

STORAGE LIFE

5 years

LIMITATIONS

- Application temperature range 40°F - 120°F.
- Do not expose can to heat above 120°F. If stored in temperatures below 50°F, make sure contents are thoroughly mixed prior to application.
- Not for use over silicone sealants or coatings

SUBSTRATE PREPARATION

Be sure the substrate is dry and free from loose debris and dirt. Only sweeping, wiping, and/or brushing are needed to remove loose contaminants. Use RV Shield™ OneSeal® Clean & Prime on all metal, fiberglass, and single ply roof surfaces prior to application of RV ShieldOneSeal Roof Sealer.

APPLICATION

Prior to use, the can must be shaken vigorously for 1-2 minutes to properly mix contents. Hold can upright, and press applicator tip to spray material onto cleaned surface. Practice on a large, disposable medium before applying to adjust for over-spray and proper distance from can to substrate. Generally, a distance of 8-18" from the surface applied in short, even strokes is sufficient.

If applicator tip becomes clogged, remove the tip by gently pulling upward until it detaches from the can. The tip can then be cleaned by soaking in xylene. Another method to clear a clogged tip is to turn the can upside down, and press the tip in attempts to blow propellant through the nozzle to discharge blockage.

ACCEPTABLE ROOF SURFACES

COVERAGE RATES

RV Shield OneSeal Spray Sealer is designed to be applied in a one-coat application. There will be times in which thicker applications are needed, such as filling holes, gaps, or large depressions. In these instances, it is recommended to apply RV Shield OneSeal Spray Sealer in multiple coats to avoid trapping air in the dried film.

Practical Coverage at Recommended DFT (assumes 15% material loss):

0.16 sq. ft. per can at 1/8" dry thickness

2.5-5.0 ft² per can at 4-8 dry mils

**Not for use with silicone*

SKIN/RECOAT TIMES

1-2 minutes (skin), 10 minutes (re-coat), 1 hour (waterproof), and 24 hours (full cure). Typical times faster or slower depending on weather conditions and application thickness.

CLEAN UP

Xylene

SAFETY PRECAUTIONS

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn aerosol can, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. For additional precautionary information, please refer to the Safety Data Sheet.

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Representative can help analyze conditions and needs to develop recommendations for special applications.

TYPICAL PHYSICAL PROPERTIES

Property	Test Method	Typical Results
Maximum Incremental Reactivity	MIR	0.57
Tensile Strength	ASTM D412	1034 psi
Elongation	ASTM D412	506%
Low Temperature Flexibility (initial)	ASTM D522	Pass 1/2" at -20°F
Low Temperature Flexibility (aged)	ASTM D522	Pass 1/2" at -20°F
Accelerated Weathering (15,000 hrs)	ASTM G154 (Cycle 2)	No cracking or checking
Salt Spray Resistance	ASTM B117	No corrosion after 1151 hrs
VOC	ASTM D2369	511 g/L
Appearance (sprayed)	N/A	Textured satin finish

Tremco is a US Registered trademark of Tremco CPG Inc.

The information provided on this data page supersedes all previous data concerning this product and its application.

The Statements provided concerning the materials shown are intended solely as a general guide for material usage and are believed to be true and accurate. Since the manner of use is beyond our control, Tremco DOES NOT MAKE NOR DOES IT AUTHORIZE ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE, OR ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION, EXPRESSED OR IMPLIED, CONCERNING THIS MATERIAL EXCEPT THAT IT CONFORMS TO TREMCO'S PRODUCT SAMPLE. Buyer and user accept the product under those conditions and assume the risk of any failure, injury of person or property and loss or liability resulting from the handling, storage or use of the product, whether or not it is handled, stored, used in accordance with directions or specifications. UNDER NO CIRCUMSTANCE SHALL TREMCO BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING FROM ANY BREACH OF WARRANTY. IN ALL CASES, TREMCO'S LIABILITY IS LIMITED, AT TREMCO'S OPTION, TO THE REPLACEMENT OF GOODS, OR THEIR VALUE, PROVEN TO BE DEFECTIVE IN MANUFACTURING.

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



tremcosealants.com | 800.321.7906



Construction Products Group

3735 Green Rd. | Beachwood, OH 44122
800.321.7906 | tremcocpg.com