

# OneSeal™ Roof Sealer

*A flexible solvent-based acrylic sealer*

## FEATURES

- Easy-to-use aerosol can
- Fast-drying, one coat application
- Excellent adhesion and UV stability
- Great flexibility at low temperatures
- Can be applied directly to Kynar® coated panels
- Two applicator tips provided

## BENEFITS

- Quick and easy roof repairs
- Can generate film build quickly for all types of jobs
- For long lasting repairs
- Eliminates cracking at low temperatures
- Great adhesion to Kynar without use of special primers
- Customize roof repair from horizontal to vertical surfaces



## DESCRIPTION

OneSeal Roof Sealer is a solvent-based acrylic sealer used to patch and repair a variety of roofing substrates. It is made from a highly elastomeric, 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

OneSeal Roof Sealer can be used on a variety of roofing substrates that include metal, new and weathered single-ply membranes, smooth surface asphalt built-up and modified bitumen roofing substrates as well as Kynar coated metal panels. This product has been specially formulated for commercial and industrial use only.

## PACKAGING

Sold per case. 1- case contains (6) 13 oz aerosol cans. Two types of applicator tips will be provided in each case: high output (white), and low output (yellow) spray tips.

## COLOR

Black, white, and grey

## STORAGE LIFE

5 years

## APPLICATION

**Preparation:** Be sure the substrate is dry, and free from loose debris and dirt. No pressure washer required, only light sweeping or wiping may be needed to remove loose surface contaminants. Use OneSeal Clean & Prime on all metal surfaces included Kynar-coated panels, and all single-ply membranes prior to application of OneSeal Roof Sealer. For asphalt-based, granule, and porous substrates, spray OneSeal Roof Sealer directly onto substrate.

**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. The white "high output" tip is designed to be used primarily on horizontal substrates, to fill gaps, and large open areas. The yellow "low output" tip is designed to be used on vertical substrates, fine details, and where minimal over-spray is desired.

If either 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

Metal, Aluminum, Kynar®, Concrete, Modified Bitumen, All Single-Ply Membranes, Gutters / Downspouts, Previously Coated Substrates\*

## COVERAGE RATES

OneSeal Roof 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 OneSeal in multiple coats to avoid trapping air in the dried film.

\*Not for use with silicone

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## COVERAGE RATES

CONTINUED

## SKIN/RECOAT TIMES

## CLEAN UP

## LIMITATIONS

## SAFETY PRECAUTIONS

## PHYSICAL PROPERTIES

## MAINTENANCE

## PRECAUTIONS

## TECHNICAL SUPPORT

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

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

2.5-5.0 ft<sup>2</sup> per can at 4-8 dry mils

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.

Xylene

- 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.

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.

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

Your local Tremco Roofing representative can provide you with effective maintenance procedures, which may vary depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.

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

Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the service of the Tremco Service Staff.



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