

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.

COLORS:

Black, white, and grey. Coming soon: clear.

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.

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APPLICATION (continued):

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 / SUBSTRATES:

Metal	Concrete	All Single-Ply Membranes
Aluminum	Modified Bitumen	Previously Coated Substrates*
Kynar	Gutters / Downspouts	<i>* not for use with silicone</i>

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.

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

SKIN & RECOAT TIME:

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

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.

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.

PHYSICAL PROPERTIES:

Property	Test Designation	Typical Value
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
Dry Time (touch)	N/A	1-2 minutes
Appearance (sprayed)	N/A	Textured satin finish



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