

PERMA SEAL 2in1
CODE: RS003

ELASTOMERIC SEALER AND ROOF COATING

PRODUCT DESCRIPTION: CROSSCO PERMA SEAL is a water-base, single component, elastomeric roof and wall sealer that has been modified with silicone for best adhesion on difficult surfaces. It provides a White Finish which lowers the temperature to the interior of homes, industrial and commercial buildings. PERMA SEAL will not crack or peel despite severe weather or joint movement.

RECOMMENDED USES: May be used as a roof waterproof coating for flat or sloped roofs such as metal, concrete, polyurethane foam or shingle. Serves as an excellent energy efficient coating that extends the life of your roof.

- ADVANTAGES:**
- 2 in 1 Primer & Sealer
 - Reflects Sun’s Heat Rays
 - Lowers Interior Temperature
 - Seals and Protects
 - White Finish
 - Water Clean Up

PRODUCT CHARACTERISTICS

Color.....White	Dry Time/Touch.....1 hr
Vehicle Base.....Styrene Acrylic	Dry Time/Re-Coat.....24 hrs
Weight/Gal.....12.28 lbs	VOC.....<100 g/l
Solids/Weight.....>45%	PH.....8-9
Solids Volume.....>50%	Flash Point.....Non-Flammable
Viscosity.....100 kus	Elongation.....>100%
Dry Film Thick.....10mils	Tensile.....>200psi

APPLICATION RATE: Apply each coat at a suggested rate of 1 – 2 Gal per 100 sq. ft (16 – 32 Wet Mills). Refer to system specifications for more details.

PERMA SEAL 2in1
CODE: RS003

GENERAL PRODUCT INFORMATION

SYSTEM SPECIFICATIONS	PONDING WATER		
<p style="text-align: center;"><i>Metal</i></p> <p>Apply 1st Coat at a rate of 1 gallon per 50 sq.ft. Apply 2nd Coat at a rate of 1 gallon per 60 sq.ft.</p> <p style="text-align: center;"><i>Single Ply – Mod. Bitumen -</i></p> <p>Apply 1st Coat at a rate of 1 gallon per 40 sq.ft. Apply 2nd Coat at a rate of 1 gallon per 50 sq.ft.</p> <p style="text-align: center;"><i>Concrete – Wood - Polyurethane Foam</i></p> <p>Apply 1st Coat at a rate of 1 gallon per 40 sq.ft. Apply 2nd Coat at a rate of 1 gallon per 50 sq.ft.</p>	<p>IMPORTANT: Where water ponding conditions exists, roof drains or other corrective measures must be installed to eliminate water build-ups prior to coating the roof.</p> <tr> <th data-bbox="711 703 1428 770">APPLICATION LIMITATIONS</th> <td data-bbox="711 770 1428 993"> <p>Do not apply below 50° F (10°C) or when rain is forecasted. Low temperatures and high humidity will prolong coat dry time. Allow 4 +/- hours for coating to dry prior to being subjected to rain. KEEP FROM FREEZING.</p> </td> </tr>	APPLICATION LIMITATIONS	<p>Do not apply below 50° F (10°C) or when rain is forecasted. Low temperatures and high humidity will prolong coat dry time. Allow 4 +/- hours for coating to dry prior to being subjected to rain. KEEP FROM FREEZING.</p>
APPLICATION LIMITATIONS	<p>Do not apply below 50° F (10°C) or when rain is forecasted. Low temperatures and high humidity will prolong coat dry time. Allow 4 +/- hours for coating to dry prior to being subjected to rain. KEEP FROM FREEZING.</p>		

SURFACE PREPARATION

AVAILABILITY

Remove all dirt, dust loose or flaking rust. Use mild bleach solution with water to remove any mildew, algae, or mold from surface. Surface must be power washed to remove dirt, loose paint, excess rust, and other foreign matter which could prevent proper adhesion. Surface must be completely dried before applying coating.
NOTE: This product has excellent suspension and requires minimal stirring. Do Not Thin.

RS003-0	250 Gal Tote
RS003-1	55 Gal Dr
RS003-2	5 Gal PL

SAFETY INFORMATION

Refer to product Material Safety Data Sheet (MSDS) prior to product use.

WARRANTY

Max Chemical, Inc. warrant only that this product is free of defects, since many factors which affects the results obtained from this product (such as weather, workmanship, equipment used and prior conditions of substrate) are beyond our control.

CLEAN UP

Clean brushes and tools immediately after use with warm soapy water. Completely flush all spray equipment with this solution.

PERMA SEAL 2in1
CODE: RS003

APPLICATION INFORMATION

SURFACE PREPARATION

Remove all dirt, dust loose or flaking rust. Use mild bleach solution with water to remove any mildew, algae, or mold from surface. Surface must be power washed to remove dirt, loose paint, excess rust, and other foreign matter which could prevent proper adhesion. Surface must be completely dried before coating is applied.

Previously Coated Surfaces: Any surface preparation short of total removal of the old coating may compromise the service length of the system. Compatibility check is recommended before applying coating. Apply product on an area of 3+/- sq.ft. allowing to dry for one week before testing adhesion as per ASTM 3359. If coating is not compatible, total removal is required.

IMPORTANT: *Where water ponding conditions exists, roof drains or other corrective measures must be installed to eliminate water build-ups prior to coating the roof.*

Metal Roofs: Remove all loose rust and prime area with a rust inhibitive metal primer. Replace loose and missing fasteners. Repair defective seams, small holes, flashings, around roof curbs & skylights with ES2000 Elastomeric Crack Filler (Refer to TDS). NOTE: New metal roofs contain residual oils from manufacturing process. Allow the roof to weather for 6 months before applying coating.

Single Ply – Mod. Bitumen – EPDM: Refer to system specifications. Repair defective seams, small holes, flashings, around roof curbs & skylights with ES2000 Elastomeric crack filler (Refer to TDS). For extra adhesion us a Styrene Butadiene Base Primer prior to final coating.

Polyurethane Foam: Refer to system specifications. Deteriorated foam should be removed and area re-foamed. New area require no cleaning & should be coated as per manufacturer recommendations.

Concrete: Power wash entire area to be coated. Repair ponding water areas with a self Leveling cementations product. Repair all cracks and holes using ES2000 Elastomeric Crack Filler.

Asphalt Roof: Clean surface, making sure to remove all dirt, oil and grease. Repair all cracks and holes using ES2000 Elastomeric Crack Filler.

APPLICATION EQUIPMENT

Brush/Roll: Soft brushes or a ¾" nap roller may be used. May require multiple coats to achieve proper coverage. Airless Spray: Use an airless pump with pressure of 1,500 to 2,000 psi. A fluid delivery of 1 to 2 gallons per minute with a spray tip of .026 to .035 with a fan angle of 60° will be adequate. Wait 4 hours between coats. The hoses should be at least 3/8" inside diameter and of the high pressure rate type. If the hose length is more than fifty feet, a larger inside diameter will be required. The longer the hose the smaller the tip orifice size.

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published Technical Data are subject to change without prior notice.