

CROSSCO 4500
CODE: RS085

**FIBER REINFORCED ELASTOMERIC
SEALER AND ROOF COATING**

PRODUCT DESCRIPTION: CROSSCO 4500 is a water-base sealer 100% elastomeric of a single component, designed with fibers to provide volume and hardness in order to conserve 100% elasticity and balance between properties. This roof and wall sealer will provide a waterproof and weatherproof seal, adhering tightly to any surface. It will not leak, crack, crumble or peel, despite exposure to severe weather or total joint movement.

RECOMMENDED USES: To seal and Waterproof 100% any surface such as concrete, metal, wood, brick, asphalt and polyurethane, thus extending the life of old roofs.

ADVANTAGES:

- 2 in 1 Primer & Sealer
- Seals & Protects
- Applies Blue Dries White
- Reflects UV & Sun's Heat Rays
- Lowers Interior Temperature
- Water Clean Up
- Fiber Reinforced
- Mildew resistance

PRODUCT CHARACTERISTICS

Color.....Applies Blue Dries White	Dry Time/Touch.....1 hr
Vehicle Base.....100% Acrylic	Dry Time/Re-Coat.....24 hrs
Weight/Gal.....11.49 lbs	VOC.....<100 g/l
Solids/Weight.....>60%	PH.....9 - 10
Solids Volume.....>50%	Flash Point.....Non-Flammable
Viscosity.....120 kus	Elongation.....>100%
Dry Film Thick.....10mils	Tensile.....>200psi

APPLICATION RATE: Apply each coat at a suggested rate of 1 Gal per 80 sq. ft (16 – 32 Wet Mills). Refer to system specifications for more details.

CROSSCO 4500

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 80 sq.ft. Apply 2nd Coat at a rate of 1 gallon per 80 sq.ft.</p> <p style="text-align: center;"><i>Single Ply – Mod. Bitumen - EPDM</i></p> <p>Apply 1st Coat at a rate of 1 gallon per 80 sq.ft. Apply 2nd Coat at a rate of 1 gallon per 80 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 65 sq.ft. Apply 2nd Coat at a rate of 1 gallon per 80 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 colspan="2" data-bbox="711 703 1422 770">APPLICATION LIMITATIONS</th> </tr> <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											
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SURFACE PREPARATION	AVAILABILITY												
<p>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.</p>	<table border="1"> <tr> <td>RS085-0</td> <td>250 Gal Tote</td> </tr> <tr> <td>RS085-1</td> <td>55 Gal Dr</td> </tr> <tr> <td>RS085-2</td> <td>5 Gal PL</td> </tr> <tr> <td>RS085-4</td> <td>4/ 1 Gal</td> </tr> </table> <tr> <th colspan="2" data-bbox="711 1238 1422 1306">SAFETY INFORMATION</th> </tr> <p>Refer to product Material Safety Data Sheet (MSDS) prior to product use.</p> <tr> <th colspan="2" data-bbox="711 1398 1422 1466">WARRANTY</th> </tr> <p>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. We will replace at no charge any product proven to be defective within 5 years of purchase, provided it has been applied as manufacturer’s specifications.</p>	RS085-0	250 Gal Tote	RS085-1	55 Gal Dr	RS085-2	5 Gal PL	RS085-4	4/ 1 Gal	SAFETY INFORMATION		WARRANTY	
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SAFETY INFORMATION													
WARRANTY													
CLEAN UP													
<p>Clean brushes and tools immediately after use with warm soapy water. Completely flush all spray equipment with this solution.</p>													

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 (RS301) ES2000 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 (RS301) ES2000 Crack Filler (Refer to TDS). For extra adhesion apply (RS030) EZ SEAL: 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 (RS035) ROOF SLOPE: Leveling. Repair all cracks and holes using (RS301) ES2000 Crack Filler (Refer to TDS).

Asphalt Roof: Clean surface, making sure to remove all dirt, oil and grease. Repair all cracks and holes using (RS301) ES2000 Crack Filler (Refer to TDS). Apply (RS010) EZ SEAL: Primer prior to final coating.

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.