

MAX-FLEX 5500
CODE: RS106

**100% ACRYLIC & ELASTOMERIC FIBER
REINFORCED HIGH STRENGTH ROOF SEALER**

- PRODUCT DESCRIPTION:** CROSSCO MAX-FLEX 5500 is a water-based sealer 100% elastomeric as a single component, that has been designed with a fibers that provide volume, hardness and give a uniform appearance to surface simultaneously that conserves 100% elasticity and balance between properties. This high performance coating resist cracking, peeling, applies blue and dries to a white finish, providing excellent waterproofing capabilities.
- RECOMMENDED USES:** Provides a high resilient, waterproofing shield over metal, concrete, polyurethane foam, aged PVC, EPDM rubber roofs (RV/Mobile Homes) wood, aged galvanized metal and bituminous built-up roofs.
- ADVANTAGES:**
- Applies Blue – Dries White
 - Silicone Modifies
 - Excellent Adhesion
 - Fiber Reinforced
 - 2 in 1 Primer and Sealer
 - Reflects UV & Sun’s Heat Rays
 - Lowers Interior Temperature
 - 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.....11.19 lbs	VOC.....<100 g/l
Solids/Weight.....60% +/- 2%	PH.....9 – 10
Solids Volume.....50% +/- 2%	Flash Point.....Non-Flammable
Viscosity.....125 kus	Elongation.....>100%
Dry Film Thick.....10mils	Tensile.....>200psi

APPLICATION RATE: Apply each coat at a suggested rate of 1 Gal per 60 sq. ft (20 Wet Mills). Refer to system specifications for more details.

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GENERAL PRODUCT INFORMATION

SYSTEM SPECIFICATIONS	PONDING WATER						
<p><i>Metal</i></p> <p>Apply 1st Coat at a rate of 1 gallon per 60 sq.ft. Apply 2nd Coat at a rate of 1 gallon per 60 sq.ft.</p> <p><i>Single Ply – Mod. Bitumen - EPDM</i></p> <p>Apply 1st Coat EZ SEAL PRIMER at a rate of 1 gallon per 150 sq.ft. Apply 2nd Coat ULTRA SEAL at a rate of 1 gallon per 60 sq.ft.</p> <p><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 65 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>						
	<p>APPLICATION LIMITATIONS</p> <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>						
<p>SURFACE PREPARATION</p>	<p>AVAILABILITY</p>						
<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 coating is applied.</p> <p>NOTE: This product has excellent suspension and requires minimal stirring. Do Not Thin.</p>	<table border="0"> <tr> <td>RS106-1</td> <td>55 Gal Dr</td> </tr> <tr> <td>RS106-2</td> <td>5 Gal PL</td> </tr> <tr> <td>RS106-4</td> <td>4/ 1 Gal</td> </tr> </table>	RS106-1	55 Gal Dr	RS106-2	5 Gal PL	RS106-4	4/ 1 Gal
RS106-1	55 Gal Dr						
RS106-2	5 Gal PL						
RS106-4	4/ 1 Gal						
<p>CLEAN UP</p>	<p>10 YEAR WARRANTY</p> <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 to original home owner, with proof of purchase, provided it has been applied as manufacturer’s specifications. Apply one coat every 5 years to maintain warranty. Water ponding areas voids warranty. Refer to product label for more details on warranty.</p>						
<p>Clean brushes and tools immediately after use with warm soapy water. Completely flush all spray equipment with this solution.</p>							
<p>SAFETY INFORMATION</p>							
<p>Refer to product Material Safety Data Sheet (MSDS) prior to product use.</p>							

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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 applying coating.

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 protection apply (RS030) EZ SEAL-Primer prior to final coating. Recommended.

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 Area to be coated. Repair ponding water areas with (RS035) ROOF SLOPE-Leveling. Repair all cracks and holes with polyester fabric 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).

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 24 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 instructions are subject to change without prior notice.