

RS-30 Polyurethane Primer for Concrete a two component polyurethane primer for concrete that is to be top coated with RubberSource's line of polyurethanes and polyurea.

It is highlighted by:

- Superior wetting of substrate.
- Very good chemical adhesion to the top coat.
- Low viscosity, penetrating primer.
- Designed for use in interior and exterior applications.

APPLICATION PROPERTIES

PROPERTIES	VALUES
Mix Ratio, by volume A to B	1:1
Solid by volume	100%
Application Temperature	30-100°F (-1-37°C)
Recommended thickness	6-8 wet mils
Coverage	200-260 Ft ² /gal

*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.

PHYSICAL PROPERTIES

PROPERTY	VALUE
Pot life	45 hours
Recoat window	Up to 48 hours
Tack free time	45-120 hours
Adhesion to concrete	>400 psi

APPLICATIONS	BENEFITS
<ul style="list-style-type: none"> • Concrete Substrate 	<ul style="list-style-type: none"> • Excellent adhesion • Reduces corrosion • Superior penetration

APPLICATION NOTES:

1. Use application procedure for guidance.
2. RS-30 adheres strongly to concrete. It should be mixed 1 part A to 1 part B. Acetone can be used to reduce the viscosity as high as 50% (1A:1B:1Acetone). Mixing should be performed at low speed mechanically or by stir stick manually for at least 1 minute.
3. Available in 2 gallon and 10 gallon kits. It should be stored in sealed containers between 60°F (15.55°C) and 90°F (32.22°C). Shelf life is 12 months in factory sealed containers.
4. RS-30 is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or fresh air hood. Spraying indoors requires forced ventilation. Be sure to read SDS in its entirety prior to use.
5. May be applied by brush, roller, squeegee, or airless sprayer. Coverage rates will vary depending on porosity of concrete. Apply at 6-8 wet mils, which will cover approximately 200-260 square feet per gallon. Finished result of applied primer shall resemble a satin/sealed surface.
6. Moisture content: use calcium chloride test: 3 lb./24 hr./1,000 ft². Concrete shall be 5% maximum as per ASTM F2170 & ASTM F2420. Substrate and air temperature must be 5°F above dew point and rising before material application.
7. Surface Preparation -Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion. Minimum recommended surface preparation: Concrete & Masonry: SSPC-SP13/NACE 6 or ICRI No. 310.2R-2013, CSP 3-5. Surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, form release agents, moisture curing membranes, loose cement and hardeners. Fill bug holes, air pockets and other voids with recommended repair material. Controlled high pressure water cleaning is suitable for CMU substrates.
8. Check for soluble salts on surfaces to be coated. If amount of soluble salts exceeds recommended limits, treat accordingly. Repeat process until acceptable limits are reached. Maximum amounts of soluble salts (micro grams per square centimeter): Chlorides - 3 immersion, 7 non-immersion. Nitrates - 5 immersion, 10 non-immersion. Sulfates - 10 immersion, 20 non immersion. Contact your account representative for more information.