

**RS-25LC Extreme Chemical Exposure Lock Coat** is a solvent borne fluoroelastomer coating system that has an excellent combination of chemical resistance, flexibility and heat resistance. Based on Viton® terpolymers it provides primary and secondary containment for many acids and harsh chemicals. The standard color is black. Special colors available on request.

### CURED FILM PROPERTIES

PHYSICAL PROPERTIES	VALUES
Tensile Strength (D-412)	1500 psi (105.46kg/cm <sup>2</sup> )
Elongation (D-412)	500%
Resistance to 98% Sulfuric Acid	Excellent
Resistance to 35% Hydrochloric Acid	Excellent
Water Permeability	0.0042 perm inch
*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.	

### PHYSICAL PROPERTIES

PROPERTY	VALUE
Solids, per wight	25
Solids, per volume	13
VOC, lb/gal	5.21
Coverage, 1 mil	208 ft <sup>2</sup>
Viscosity, cps.	300
Wt/Gal, lb/gal	7.79

### CURE TIMES

PROPERTY	VALUE
Dry to touch	30
Dry to Recoat	2 hours
Full Cure	10 days
Heat Cure	Required for immersion service. Call RubberSource for instructions.

### APPLICATION NOTES:

1. Use application procedure for guidance.
2. Available in Quarts, Gallons and Pails (4 gallons per pail). It should be stored in sealed containers between 55°F (12.77°C) and 95°F (35°C). Shelf life is 12 months in factory sealed containers.
3. Brush or Roll. Use 3/16 to 3/8 inch nap, shed resistance rollers.
4. Mix RS-25LC with mechanical mixer. Add pre measured RS-25LC catalyst and mix until uniform.
5. Pot life is 1 to 2 hours after mixing. Higher temperatures will reduce the pot life. Do not mix more material than can be applied in one hour.
6. RS-25LC 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.
7. Contact your account representative for more information.

### APPLICATIONS

- Bond Coat between primers and other coatings
- Stand alone coating for resistance to harsh chemicals in secondary containment.
- Topcoat over elastomers, plastics or metals for chemical resistance.

### BENEFITS

- Enhances coatings Chemical Resistant
- High heat resistance
- Reduces corrosion