

RS-RPR80T Repair System is a trowelable, flexible, fast curing Polyurethane designed to get material processors back-up and running quickly with lasting repairs for many application types. Packaged for easy on ratio mixing using our dual cartridge dispensing system. Used with primer, this material will coat and repair many substrates such as rubber, metal, polyurethane, and PVC.

SPECIFICATION:

PROPERTY	VALUE
Hardness Shore A	80 +/- 5
Tensile Strength	1811 psi (12.8 MPa)
Elongation	527%
Tear Strength	310 lb/in (54.28 KN/m)
Taber Abrasion 1kg, 1000cy	45 mg loss
Operating Temperature:	-56°C - 96°C, (-70°F - 200°F)
Theoretical Coverage	34 sqm @ 25 micron/ kg (166 sqft/lb @ .001")
Prepolymer	PPG low free Polyether
Solids	100%
VOC's	Zero
Mix Ratio volume	2A:1B
Mix Ratio by weight	100A:47B
Color	Black (others available)

APPLICATION DATA (23°C / 73°F):

Flash Point	None
Shelf Life	2 Yrs Unopened
Storage	23°C (73°F) dry, away from sunlight
Material temperature	20°C / 68°F
Method	Cartridge
Pot Life	<10 seconds
Overcoat	<30 minutes
Buff Repair	4 Hour
Light Duty Service	24 hours
Ultimate Cure	5 days

The directions for the use of our products are based upon tests believed to be reliable but no warranty is given. Since conditions for the use of this product are beyond the sellers control, all risks are assumed by the user. Please contact your local agent or call RubberSource Inc. for further assistance.

APPLICATION NOTES:

1. Use application procedure for guidance.
2. During colder temperatures part A resin may become solid and or present a waxy appearance. Before using, slowly warm materials back to a liquid state. Substrates must be dry and free from contaminants with temperatures 3°C (5°F) above the dew point with relative humidity less than 85% while protecting from direct sunlight. Ambient temperatures between 7°C to 45°C (45°F to 113°F) are best.
3. It is possible to use at lower temperatures when dewpoint and humidity levels are safe, but expect cure times to lengthen.
4. Grit-blast using standard SSPC-SP10 near white including minimum 50 micron (0.002") angular depth profile for maximum adhesion or mechanically roughen using standard SSPC-SP11 to achieve desired adhesion strength. Primers must always be used.
5. Available packaging: Cartridge 300 x 150 ml (486 g) uses a hand dispensing gun. Cartridge 600 x 300 ml (985 g) uses a pneumatic dispensing gun. Each cartridge is packaged including one mixing nozzle, sealed in a plastic bag.
6. RS-RPR80T is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. Be sure to read SDS in its entirety prior to use.
7. Contact your account representative for more information.

PRIMERS:

Substrate	Primer code
Rubber	RS-8400
Metal	RS-8500
Concrete	RS-110