

REZSTONE

2011 Seaman St., Toledo, Ohio 43605 **TECHNICAL DATA**

2610
2611
2612
Crack Repair

2610 Epoxy Crack Repair Kit 2611 Fast Set Crack Repair Kit 2612 Semi-Rigid Crack Repair Kit

Description:	Rez-Stone 2610, 2611 and 2612 Epoxy Crack Repair Kits are pre-measured, solvent-free, rapid strength gaining materials. They are for industrial use to repair cracks, holes and spalled areas of concrete less than 1/4" deep. Uniquely designed to a butter-like consistency Rez-Stone Crack Repair material will not run or sag. Excellent for repairs directly over concrete or within Rez-Stone floor systems. They are available in regular, flexible and fast-setting formulations for normal and adverse conditions.
Advantages:	<ul style="list-style-type: none">• Rapid strength gain• Non-sagging• Non-flammable 100% solids epoxy• Pre-measured kits• Featheredge or apply up to 1/4" thick
Limitations:	<ul style="list-style-type: none">• Substrate minimum temperature 50°F for 2610 and 2612 or 35°F for 2611.• New concrete must be at least 28 days old• Do not apply over wet substrate
Packaging & Coverage:	Unit Size: 3-quart units and 3-gallon units (packaged in kit form for easy mixing). Average coverage for cracks or joints 1/4" deep x 1/4" wide: 1 gallon will fill 308 lineal feet. One 3-quart unit will fill 230 lineal feet.
INSTALLATION	
Surface Preparation:	Concrete surfaces must be clean and sound. Remove all dust, laitance, grease, wax, curing compounds and other bond inhibiting contaminants by shot blasting, scarification or other approved mechanical methods.
Mixing:	Temperature of material should be the same as ambient air temperature at time of mixing for best application properties. Pour entire contents of Part B into Part A container, scrape the sides to remove all of Part B component. Mix for 3 minutes with mechanical agitation. Mix to a uniform blend working the sides and bottom of the can to insure all material has been mixed.
Application:	Priming is not necessary but is recommended when material will be subjected to extreme heat or cold. Place mixed material with a hand trowel or putty knife. Finish with the same tools by pressing firmly to the substrate and strike off clean. Ambient air and surface temperature will effect both the pot life and cure times of installed material. As a rule of thumb, mixed material should be placed and finished within 10 to 15 minutes of mixing. Once cured Rez-Stone 2610 and 2612 may be coated over directly. Rez-Stone 2611 may need additional surface preparation before over coating.

TYPICAL PROPERTIES AND SPECIFICATIONS
REZ-STONE 2610, 2611 & 2612

	<u>2610</u>	<u>2611</u>	<u>2612</u>
Compressive Strength ASTM D-695	≥10,000 psi	≥10,000 psi	≥6,300 psi
Tensile Strength ASTM D-638	5,500 psi	9,000 psi	3,500 psi
Tensile Elongation	10%	6%	50%
Flexural Strength.....	9,400 psi	14,000 psi	5,000 psi
Bond Strength	Greater than concrete		
Standard Color.....	Concrete (available in all standard colors)		
Shelf Life	One year in original package, unopened		
Storage	Dry, between 50°F and 90°F		

CURE TIMES

<u>Temperature</u>	<u>2610 & 2612</u>		<u>2611</u>	
	<u>Pot Life</u>	<u>Truck Traffic</u>	<u>Pot Life</u>	<u>Truck Life</u>
40°F	Not Recommended		65 min.	20 hr.
50°F	60 min.	20 hr.	35 min.	10 hr.
60°F	40 min.	10 hr.	20 min.	6 hr.
70°F	25 min.	8 hr.	10 min.	4 hr.
80°F	10 min.	5 hr.	Not Recommended	

Actual cure time may vary due to patch thickness and length of mixing time. Best working and curing properties are obtained by conditioning material to 60°F - 80°F for 2610 and 2612; 35°F - 60°F for 2611.

Safety Precautions: Prolonged or repeated exposure to epoxy materials may cause eye or skin irritations. If contact occurs, wash affected area with soap and water immediately. If discomfort continues seek medical attention. Always wear suitable protective clothing and use proper safety devices. See respective MSDS for complete details.

Clean-Up: All tools and equipment should be cleaned before material gels. Use 1201 Epoxy Reducer or Xylene.

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