



Pacific Polymers

A Division of **ITW**

RES-CRETE R.C. 227

SEMI-FLEXIBLE JOINT FILLER

1. PRODUCT NAME

RES-CRETE R.C. 227

A two component, 100% solids, semi- flexible epoxy used to fill saw cut control joints and construction joints in concrete floors which are subject to heavy traffic.

Mix thoroughly with a jiffy-type mechanical mixer and pour into clean joints. Joints may be slightly damp at the time of installation.

2. MANUFACTURER

Pacific Polymers (A Division of ITW)
12271 Monarch Street
Garden Grove, CA 92841
Tel: 1-800-888-/8340
Fax: 714-898-5687

3. PRODUCT DESCRIPTION

Composition: 100% solids epoxy resin base joint sealant.

Basic Uses: For use in contraction joints, saw cuts, spalls, in industrial floors that may be subjected to forklifts, trucks, etc. Sealant has high resistance to penetration.

Color: Aluminum Grey and Concrete Grey

Sizes: Packaged in 1, 1.5 and 10 gallon kits.

WARNINGS AND HAZARDS:

Before using the products, always refer to MSDS for important warnings and safety information. Use only in areas with adequate ventilation. Avoid breathing vapors. Keep away from heat and flame. Avoid contact with eyes and skin. In the event of skin contact, remove immediately and wash with warm, soapy water. Wear suitable eye protection. Always wash hands before eating.

4. TECHNICAL DATA

(See chart on Page 3)

5. INSTALLATION

Surface Preparation:

Chemical Resistance

Caustics	Brake Fluid
Salts	Power Steering Fluid
Mineral Spirits	Compressor Fluid
Ethylene Glycol	50% Sulfuric Acid
Hydraulic Fluid/Motor Oils	37.5% Hydrochloric Acid
	Concentrated Phosphoric Acid

NOT RECOMMENDED

Concentrated Nitric Acid
Concentrated Formic Acid
Concentrated Acetic Acid

6. AVAILABILITY AND COST

RES-CRETE R.C. 227 is supplied through building material dealers. Prices vary with quantity and packaging. Quotations are made upon request.

These products are designed and manufactured to be installed by professional installers familiar with surface preparation and application procedures. All others should consult a professional installer; those who choose to install these products without professional assistance do so at their own risk.

7. PRODUCT WARRANTY

Satisfactory results depend not only upon quality products but also upon factors beyond our control; methods of application and site conditions are examples of such

factors and can affect product performance. This warranty consequently extends only to products installed in strict accordance with the manufacturer's specifications. It is the users responsibility to satisfy himself, by his own information and tests, of the suitability of the product for his own intended use; user assumes all risk and liability resulting from his use of the product. The substrate to which the product is applied must be sound structurally and otherwise.

Structural or substrate failures or imperfections resulting in damage to or failure of the product are not covered by this warranty. Since the use of the product is beyond the control of the manufacturer, the manufacturer assumes no liability for misapplication and misuse of the product.

This warranty does not cover consequential damages, nor does it cover the labor attendant to replacing product in the event of a product failure. The warranty only extends to replacement of the product itself.

All products proven to be defective in manufacturing will be replaced at no charge. Since the use of these products is beyond our control we cannot assume any risk or liability for results obtained, nor can we accept damage in excess of the purchase price of these products.

8. MAINTENANCE

If **RES-CRETE R.C. 227** is damaged, and the surface has not been contaminated, it can be repaired by cutting out that part and reapplying **RES-CRETE R.C. 227** to the cleaned section.

9. TECHNICAL SERVICES

All of the latest updates to product data and specifications are available at the Pacific Polymers website at www.pacpoly.com. Since product data and specifications change, it is the users responsibility to make certain the most current versions of product data and specifications are being used.

Technical assistance can be obtained by contacting:

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4. TECHNICAL DATA – RES-CRETE R.C. 227

PROPERTY	TEST METHOD	RESULTS
Viscosity (poise, 77°F (25°C)) A-Component B-Component	Brookfield Viscometer	35±5 80±10
Mixing Ratio (A/B)	---	1:1 (by Volume)
Pot Life (at 77°F (25°C))	---	15±5 minutes
Tensile Strength	ASTM D-638	350±25 PSI
Percent Elongation	ASTM D-638	120±20%
Compression Strength	ASTM D-685	3200 PSI
Hardness	ASTM D-2240	72±5 shore A 32±3 shore D
Water Absorption (7 days immersion at 77°F (25°C))	ASTM D-570	2%
