

PRODUCT DATA

Vinyl Ester Polymer Concrete

VINYL ESTER POLYMER CONCRETE combines advanced filler technology and Vinyl Ester resins to create a polymer concrete with outstanding chemical resistance and physical properties. This material conquers the toughest chemical environments while eliminating many of the problems traditionally associated with vinyl ester materials.

FEATURES:

- Superior chemical and temperature resistance
- Rapid Set Time (variable)
- Pourable or trowelable
- Vibration and impact resistant
- Unequaled physical properties

APPLICATIONS:

Vinyl Ester Polymer Concrete is perfect for grouting, re-grouting, anchoring, and repairing concrete in extreme chemical exposure areas. Applications include:

- Chemical pump bases
- Secondary Containment
- Curbs and walls
- Slope or pitch floors
- Tank lining
- Floor repairs

Vinyl Ester Polymer Concrete can be poured in thicknesses from 1" to 8". Can be poured in lifts for deeper applications.

PHYSICAL AND CHEMICAL CHARACTERISTICS:

Compressive Strength:	10,000-12,000 psi
Tensile Strength:	1,800-2,500 psi
HDT:	218°F
Density:	135 lbs./ cu. ft.
Pot Life:	approx. 15 minutes
(varies with promotion level and temperature)	

PACKAGING:

Vinyl Ester Polymer Concrete is available in 0.5 cu. ft. units and 3 cu. ft. units, each containing three components: a resin (Part A), a catalyst (Part B) and an aggregate (Part C).

Stratarock®

Layers of protection for industrial equipment

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PREPARATION: (See SDS Sheet Before Using) **Liquids are flammable! Remove ignition sources from work area and insure proper ventilation.** The substrate must be prepared adequately. The bonding surface should be clean, dry and free of contamination such as grease, oil and chemicals. Apply Vinyl Ester Quick Cure Primer (sold separately) to the prepared substrate at a rate of 200 S.F. per gallon. Allow primer to air dry for approximately 1.5 hours before application of Vinyl Ester Polymer Concrete.

MIXING: USE SEPARATE MEASURING CUPS TO MEASURE PART B (MEKP).

- 1) Add 1 fl. oz. of Part B (MEKP) to one can of Part A (resin) and mix.
- 2) Slowly add Part C (aggregate) and blend until all the aggregate is wetted out. Immediately place the blended material, since there is a short pot life.
- 3) Apply and repeat this procedure until the application is complete.

POURING: Pour the mixed material into place. Allow the material to set for 3-4 hours before applying sealer (longer in lower temperatures).

POT LIFE: Mixed components have a pot life of approximately 15 minutes at 75°F.

TEMPERATURE LIMITATIONS: Install in temperatures between 65°F-85°F.

CURE: After applying a sealer (Vinyl Ester Coating High Temp), allow the Vinyl Ester Polymer Concrete to cure for 24 hours before returning the area to service.

STORAGE AND SHELF LIFE: Materials should be stored at room temperature (75°F). Stored at room temperature in unopened original containers, materials have a 6 month shelf life.

PRECAUTIONS: Read container labels and Safety Data Sheets (SDS) before using any product. **Never use** when food is present. The styrene odor will contaminate food products. **Adequate ventilation is imperative** to prevent inhalation and contamination of nearby foods. Vinyl Ester Polymer Concrete **liquids are flammable while liquid and during installation.** Keep all potential sources of ignition a safe distance from uncured Vinyl Ester Polymer Concrete.

ADDITIONAL INFORMATION: For complete safety information refer to the material SDS. For additional information, contact us at 888-809-2365.

LIMITED WARRANTY: Product manufacturer warrants that the products are in conformance to the formulation standards of manufacturer and that such products are free from manufacturing defects. Purchaser's only remedy is replacement of the product. Manufacturer does not warrant or guarantee the workmanship performed by any person or company installing its products. In no event shall Manufacturer be liable for any incidental or consequential damages. This warranty is expressly given in lieu of all other warranties express or implied, including the warranties of merchantability and fitness for use and all other obligations or liabilities on Manufacturer's part. Manufacturer neither assumes nor authorizes any person or persons to assume for us any other liability in connection with the sale of Manufacturer's products. This warranty shall not apply to any of Manufacturer's products which have been subject to alteration, abuse or misuse. Manufacturer makes no warranty whatsoever in respect to parts, materials or accessories not supplied by Manufacturer which are used in connection with its products. The purchaser accepts these terms and conditions and hereby expressly waives any claim to additional damages.

CAUTION: Always keep out of the reach of children.

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Stratarock an **indcon** brand