Product Data

THIN POUR EPOXY GROUT

Stratarock®
Layers of Protection for Industrial Equipment

Stratrock Thin Pour Epoxy Grout is a high strength industrial epoxy grout designed for grouting, re-grouting and anchoring equipment. Our two component **Thin Pour Epoxy** has superior flow rates for easy grouting under machine bases or sole plates. Excellent resistance to a broad range of chemical conditions and resistance to abrasion, vibration and impact enhance machine operation. Minimal surface preparation and quick and easy installation eliminate costly downtime. Quick setting and special curing features allow operation in as little as 6 hours after installation.

Features

- High strength
- Resists impact and vibration
- Fast set and cure allows operation in 6 hours
- Negligible shrinkage
- Excellent chemical resistance
- Reduces long term maintenance costs
- Minimal surface preparation
- Quick and easy installation with superior flow
- U.S.D.A. approved for incidental food contact

Applications

Thin Pour Epoxy Grout is perfect for grouting, re-grouting and anchoring heavy equipment exposed to impact, vibration, torque load, or other stresses. Superior flow rates and self-leveling qualities make this material perfect for use in tight clearances.

Applications include:

- Equipment bases
- Tower and turbine bases
- Equipment or bar anchoring
- Precision alignment of equipment
- Rebuilding equipment foundations
- Heavy vibration applications
- Setting of rotating equipment
- Crane rails
- Chemical exposure

Use when clearances are 1/8 to 1 inch.

Physical & Chemical Characteristics

Compressive Strength (ASTM C-579)	24 hours: 13,000 psi Full Cure: 17,000 psi
Compressive Modulus (ASTM D-695-77)	1.1×10^5 psi
Tensile Strength (ASTM D-628-77a)	4,260 psi
Tensile Modulus (ASTM C-580-74)	1.13×10^5 psi
Flexural Strength (ASTM D-790-71)	6,800 psi
Flexural Modulus (ASTM D-790-71)	1.13×10^5 psi
Percent Elongation (ASTM D638-77a)	0.57%
Linear Shrinkage	1.0×10^{-3} in/in
Coefficient of Expansion (ASTM D-296-70)	2.0×10^{-5} in/in/°C
Viscosity (Brookfield, mixed) (ASTM D-296-70)	2,100 cps
Pot Life	15 Minutes at 77°F
Cure Rate	Minimum 6 hours at 77°F/25°C
Full Cure	5-7 Days
Yield	.24 cu. ft. unit

CAUTION: Always keep out of the reach of children.
Our representatives are available to assist you.
For more information on our system and products, contact Indcon at 888-809-2365.

Packaging

Thin Pour Epoxy Grout is packaged in 25 lb. kits yielding 0.24 cu. ft. The kit contains two parts– Part A (resin) and Part B (hardener).

Preparation

(See SDS Sheet Before Using) Level the machine with a clearance of 1/8 - 1 inch of space between machine base and foundation. Remove loose or weak concrete from foundation surfaces and clean machine base. Surface should be free of contaminants, dry, and sound. Concrete foundation must be firm, although **Thin Pour Epoxy** will flow into cracks as small as .002 in. and strengthen the entire structure. For application to metal, sand to a rough surface and wipe with solvent for best adhesion. Dam the perimeter of the application area if not already recessed, leaving adequate venting. Use a wax type form release agent on forms.

Mixing

Mix only when ready to pour. Pours like a liquid unless setting has begun. Mix the resin for 1 to 2 minutes and add hardener while continuing to mix for another 1 to 2 minutes. Take care to remove material from the walls of the container while mixing. Keep mixing paddle away from surface to reduce air entrapment. Pot life is 15 minutes, which can be extended slightly by swirling mixture to delay heat build up.

Pouring

Always pour from one spot to prevent air inclusions under the machine. Pour in a steady stream about 6 in. high to prevent splashing. When resin has penetrated base, move pour spot along the same side of base to where resin stopped. Pour until resin is at least ½ in. up side of base. Once resin has filled to bottom of opposite and adjacent sides of base, it is acceptable to fill in sides by pouring around base perimeter.

For Anchor Bolts

Drill hole ½ in. larger than bolt diameter and to a depth of 10 to 15 times the bolt diameter. Quickly fill hole about 1/3 of the depth. Bolt should be at a minimum temperature of 70°F to a maximum of 150°F. A bolt preheated to 150°F will set permanently in less than 1 hour. **Overheating the bolt will cause failure.**

Temperature Limitations

During the installation and cure, surface temperatures of 60°F to 90°F are recommended. For proper installation and adhesion, ensure the materials are between 70°F and 90°F before using.

Storage and Shelf Life

Materials should be stored at room temperature (75°F). Stored at room temperature in original unopened containers, materials have a 1 year shelf life.

Precautions

Read container labels and Safety Data Sheet before using any product. Contact with liquids Part A and B can cause skin irritation. Wear protective clothing. Cover hands with protective cream and/or gloves. Wear chemical splash goggles to avoid eye contact. Use only with adequate ventilation. **NEVER RECAP A CONTAINER OF MIXED COMPONENTS. THE CONTINUING CHEMICAL REACTION MAY CAUSE THE CONTAINER TO RUPTURE VIOLENTLY.**

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 along with Seller's General Terms and Conditions and hereby expressly waives any claim to additional damages.

29 Freedom Court
Greer, SC 29650

Stratarock®

Phone: 888-809-2365
Fax: 854-534-1493
Email: Info@indconInc.com

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