

SLOW SET EPOXY GROUT

Stratarock®
Layers of Protection for Industrial Equipment

Slow Set Epoxy Grout is a high-strength, slow-setting industrial epoxy grout, perfect for grouting, re-grouting, and anchoring equipment. This two-component, 100% solids grout boasts excellent flow rates, ensuring easy penetration under machine bases or sole plates. It offers outstanding resistance to a wide range of chemical and abrasive conditions, as well as vibration and impact, enhancing machine performance. With minimal surface preparation and quick, easy installation, it reduces costly downtime. User-friendly grouting techniques allow for machine resetting without removal in most cases. Its slow-setting and special curing features enable operation within 36 to 48 hours after installation, hardening to a compressive strength of 13,500 within 36 to 48 hours.

Features

- Quick and easy installation
- Can be applied from ¼" to 1 ½"
- High physical strengths
- Excellent chemical resistance compared to concrete
- U.S.D.A. Approved for incidental food contact
- Resists impact and vibrations
- Longer open time to complete void filling
- Medium Fast set and cure, superior flow

Applications

Slow Set Epoxy Grout is ideal for grouting, re-grouting, and anchoring equipment. It is user-friendly and formulated for superior flow rates, allowing easy penetration under machine bases or sole plates. With minimal surface preparation and quick installation, it reduces costly downtime.

- Anchoring bolts
- Equipment bases
- Applications with chemical exposure
- Heavy vibration applications
- Heavy machine bases
- Rebuilding equipment foundations

Physical & Chemical Characteristics

Compressive Strength	48 hours: 13,500 psi 7 Days at 77°F: 16,500 psi
Compressive Modulus	1.1 x 10 ⁶ psi (ASTM D-695-77)
Tensile Strength	4,260 psi (ASTM D-638-77a)
Tensile Modulus	1.13 x 10 ⁶ psi (ASTM D-638-77a)
Percent Elongation	0.57% (ASTM D-638-77a)
Flexural Strength	6,800 psi (ASTM D-790-71)
Flexural Modulus	1.13 x 10 ⁶ psi (ASTM D-638-77a)
Linear Shrinkage	1.10 x 10 ⁻³ in/in
Coefficient of Expansion	2.1 x 10 ⁻⁵ in/in°C (ASTM D-296-70)
Viscosity	7,000 cps (77°F)
Pot Life	60 minutes at 77°F
Gel Time (77°F)	60 minutes (½ in. thick)
Cure Rate	Min. 36 hours at 77°F/25°C
Full Cure	5 to 7 Days
Yield	0.24 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.

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Packaging

25 lb. unit.

Preparation

(See SDS Sheet before using) Level the machine with a clearance of ¼ – 1½ inch of space between machine base and foundation. Be careful to remove loose or weak concrete from foundation surfaces and to clean machine base if adhesion is desired. Concrete foundation must be firm, although **Slow Set Epoxy Grout** will flow into cracks as small as .002" and strengthen the entire structure. If foundation is metal, sand to rough surface, and wipe with solvent for best adhesion. Dam the perimeter of the grout area if not already recessed / leave adequate venting. Use a wax type form release agent. **Resin Preparation: Mix ONLY when ready to pour!** Pours like a liquid unless setting has begun. **Pot Life:** 60 minutes, which can be extended slightly by swirling mixture to delay heat build-up in center of mass. Mix 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.

Application

READ ALL LABELS AND SDS SHEETS. **Pouring Mixed Resin:** Always pour from one spot to prevent air inclusions under the machine. Pour in a steady stream about 6" 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" 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. **Anchor Bolts:** Drill hole ½" larger than bolt diameter and to a depth 10 to 15 times the bolt diameter. Quickly fill hole about 1/3 of the depth. Bolt should be about at a minimum temperature of 70° F to a maximum of 150° F.

Hardening and Cure

Stratarock Slow Set Epoxy Grout will harden to 13,500 psi compressive strength, suitable for operation, with 36 to 48 hours.

Temperature Limitations

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

Cleanup

Clean tools immediately with a solvent such as lacquer thinner or acetone. These products may be hazardous. See the relevant SDS sheets for appropriate use.

Storage and Shelf Life

Materials should be stored at room temperature (75°F). Stored at room temperature in unopened containers, materials have a 1 year shelf life. Catalyst is temperature sensitive and can not be stored in temperatures over 77°F.

Precautions

READ AND UNDERSTAND ALL CONTAINER LABELS AND SAFETY DATA SHEET (SDS) 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 in adequate ventilation. **NEVER RECAP A CONTAINER OF MIXED COMPONENTS. THE CONTINUING CHEMICAL REACTION MAY CAUSE THE CONTAINER TO RUPTURE VIOLENTLY.**

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