

HIGH BUILD REPAIR

Stratarock®
Layers of Protection for Industrial Equipment

High Build Repair is a high performance 100% solids epoxy repair that can be used to restore concrete creating a high strength, impact and wear resistant surface. This material provides excellent chemical resistance and has superior bonding properties. The mixed consistency allows for the material to be applied without the need for forms making vertical and edge repairs easy.

Features

- Comes in complete kit
- Can be applied from featheredge to full depth
- Super-high compressive strength (15,000 PSI)
- Long Working time
- Impact and Wear resistant.

Applications

High Build Repair is a great alternative to cement based repairs when coatings have to be applied right away or if you need a more durable material due to severe in-service conditions. Applications include:

- Expansion Joint Restoration
- Stair Nosing Repairs
- Concrete edge repairs
- Wear-resistant floor repairs
- Shallow Vertical Repairs
- Tank Chime Repairs
- Parking Garage Repairs
- Curb Repairs

Colors

Gray

Physical & Chemical Characteristics

Compressive Strength 7days: 15,000 psi
(ASTM C-579)

Tensile Strength 3,300 psi
(ASTM C-307)

Percent Elongation 2.0%
(ASTM D-638)

Flexural Strength 8,100 psi
(ASTM-C-580)

Flexural Modulus of Elasticity 4.0×10^6
(ASTM D-790)

Hardness 75-80
(ASTM D-2240/Shore D Durometer)

Bond Strength >400 psi
(ACI Committee #503/PP1139-1141) 100% concrete Failure

Indentation No Indentation
(MIL-D-3134F)

Abrasion Resistance 0.04 gm max weight loss
(ASTM D-4060, Taber Abrader)
(CS-17 wheel, 1,000 gm load, 1,000 cycles)

Coefficient of Friction 0.6
(ASTM D-2047)

Flammability Self Extinguishing
(ASTM D-635)

Thermal Coefficient of Linear Expansion
(ASTME E-831) $2.1 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}$

Water Absorption 0.2%
(ASTM C-413)

Heat Resistance 140°F/60°C

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

High Build Repair consists of a 5 gallon pail with the Part A resin, the Part B resin, the two-part primer, and a 30lb bag of filler. All in one pail.

Preparation

Prepare surface in accordance with **High Build Repair** installation instructions. Slabs on or below grade should be over an effective moisture barrier. Clean and prepare the concrete by mechanical means and/or acid-etch until all foreign matter has been removed. A rough surface is desired to provide a good bonding profile.

Application

Mix **High Build Repair** by combining conveniently pre-proportioned batches of the three compounds. Mix one container of Part A - Resin with one container of Part B - Hardener thoroughly for two minutes. Blend with one bag of Part C - Aggregate. Components may be blended with an electric paddle mixer. Mix thoroughly for 1 to 2 minutes, until all of the filler is blended with the resin.

Working Time

45 minutes

Temperature Limitations:

During the installation and cure, surface temperatures of 60°F-90°F are recommended.

Hardening and Cure

Hardens for foot traffic in 2 to 3 hours at 77°F. Complete cure may require 12 to 48 hours, depending on temperature and humidity.

Precautions

READ CONTAINER LABELS AND MATERIAL SAFETY DATA SHEET BEFORE USING ALL PRODUCTS. Contact with liquids Part A and Part B can cause irritation. Wear protective clothing. Cover hands with protective cream and/or gloves. **WEAR CHEMICAL SPLASH GOGGLES.** Use only with adequate ventilation.

For specific chemical resistance data, refer to the **High Build Repair** chemical resistance guide.

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.

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