

BarPatch
Product # 803

Rebar Patch Material

PRODUCT DESCRIPTION

BarPatch is a two part, 98.3+% solids corrosion resistant epoxy material formulated for repairing nicks, scars and covering sheared ends of powder-coated steel rebar. BarPatch has a creamy consistency and a 2:1 volume mix ratio.

BarPatch meets ASTM A775 and ASTM D3963/D3963M.

SURFACE PREPARATION

The surface must be clean, dry and free of debris, rust, oil and contaminants. Lightly abrade the surface to be coated with 100 to 120 grit sandpaper. Remove any rust from the cut ends of rebar, and remove any loose debris or rust after sanding.

APPLICATION

Mix ratio by volume is 2:1. Premix both component A and component B separately. If mixing less than a full unit, remove the appropriate amount of component A and B. Place component B into component A and mix until a completely homogeneous color is achieved. Do not mix for less than 3 minutes. For best results, the epoxy material temperature should be between 75°F and 80°F. Cooler material is more viscous and requires longer mixing.

Apply mixed material using a sponge brush or bristle brush. Brush in two directions to insure complete coverage of the repair area or sheared rebars ends. Application thickness should be a minimum of seven (7) mils.

Pot life is approximately 55 minutes at 75°F for a 100 gram mass. Pot life will be shorter if a larger mass is mixed and the material is warmer

than 75°F. For field applications do not mix more material than can be applied in 15 to 20 minutes.

TYPICAL PHYSICAL PROPERTIES

Color	Light Green
Solids - ASTM D2369-10 24 Hr. Bench; 1 Hr. Oven	99.91%; 98.32%
VOC- ASTM D3960-05 24 Hr. Bench; 1 Hr. Oven	1 g/L; 18 g/L
Cure Rate @ 75 °F	Dry to Touch - 6 to 8 Hrs.
Mix Ratio	2:1 by Volume
Shelf Life	12 months
Storage	Between 50°F and 90°F
Mixed Gallon Density ASTM D1475-98(08)	8.956 lbs
Part A Mixed Gallon	6.224 lbs
Part B Mixed Gallon	2.732 lbs
Pot Life 100 gram/75°F	55 minutes

ADVANTAGES

- Easy application with sponge brush, roller or bristle brush.
- "Hangs" on vertical surfaces.
- Easy-to-use volume mix ratio.
- Can be applied down to 40° F.
- VOC compliant.

LIMITATIONS

- Cannot be applied below 40°F.
- Cannot be spray-applied.

PACKAGING

BarPatch is available in 1 1/2 quart units, 1 1/2 gallon units, 3 gallon units and 15 gallon units.

PRODUCT AVAILABILITY

Products are manufactured and available through the Thermal-Chem Corporation, 2120 Roberts Drive, Broadview, IL 60155 U.S.A.

Tel: 800/635-3773 ■ 847/288-9090
Fax: 847/288-9091
Website: www.thermalchem.com

TECHNICAL/SPECIFICATION SERVICES

Additional Product Data, complete Technical Support and Product Specifications are all available through Thermal-Chem Corporation or their local representatives. Every reasonable precaution and effort has been taken in the manufacturer of all Thermal-Chem products to comply with the published product data. Actual product performance may vary slightly due to environmental influences and/or conditions.

PRODUCT HANDLING

Read the Material Safety Data Sheet thoroughly before use.

Warning: For professional use only. Avoid contact of uncured material with skin and eyes. Contact with skin may result in irritation. Wash skin with soap and water. If contact with eyes should occur, flush with water for 15 minutes and seek immediate medical attention.

LIMITED WARRANTY

Thermal-Chem Corporation warrants its product to be of good quality and will, at Thermal-Chem's sole discretion, replace or refund the original purchase price (if payment was made in accordance with Thermal-Chem's payment and credit terms) of any product proved defective or non-conforming. Satisfactory results depend not only upon quality products but also upon many factors beyond our control. **THE PARTIES AGREE THAT THE REPLACEMENT OR REFUND OF PRODUCT PAYMENT FOR DEFECTIVE PRODUCT OR NON-CONFORMING GOODS IS THE SOLE AND EXCLUSIVE REMEDY.** Therefore, except for such replacement, **THERMAL-CHEM CORP. MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS,** and Thermal-Chem Corporation shall have no other liability with respect thereto, including

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