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|  |  | |  | | --- | | ***Product Description:*** |   Patch is a two-component, modified epoxy. It is the ideal product for patching concrete cracks, spalled areas and small holes (<1”) after surface preparation has been completed. Patch is formulated for smaller imperfections and surface cracks. For larger repairs and holes, use 100% Epoxy. Its extreme physical properties and high load- bearing strength makes Patch the ideal product for filling and patching prior to the application of all systems. Patch is specially formulated to dry in 60 minutes. |  |  |  | |  | | --- | | Product Characteristics: | | |  |  | | --- | --- | | Color: | Medium Gray | | Mix Ratio: | 1:1 | | Solids: | 95% | | VOC: | -0- g/l | | |
|  |  | |  | | --- | | ***Advantages:*** |  * Essentially odorless * VOC Free * Chemically Resistant * Non-slumping * Mild flexibility * Fast curing * Made for easy application 1 to 1 mix ratio |  |  |  | |  | | --- | | ***Drying Schedule*** |  |  |  | | --- | --- | | Working Time | 10 minutes | | Critical Recoat time | 12 hours | | Full Cure | 30-40 minutes |   Pot Life: 5 min @ 75°F |
|  |  | |  | | --- | | ***Typical Uses:*** |   Patch is ideal for repairs on small holes, imperfections, and cracks in concrete. The repair of active structural cracks cannot be guaranteed |  |  |  | |  | | --- | | **Shelf Life:** | | Part A: 12 months, unopened  Part B: 12 months **,** unopened | | Store Indoors at 65°F to 95° F | |  | |
|  |  | ***Limitations:*** |  |  |  |  |
|  |  | Ground level concrete slabs emit invisible moisture vapor. The allowable moisture emissions for concrete are 3 lbs / 1,000 SF over a 24 hour period. If moisture is above this level, then blistering and delamination of coating may occur. A moisture test should be performed to determine concrete moisture level. If moisture levels exceed the 3 lb. limit, a concrete moisture vapor control system should be applied first.  Strictly adhere to the Manufacturer’s Directions for Applications.   |  | | --- | | ***Preparation:*** | | Mechanically prepare the surface by sanding, grinding, or shot blasting. Remove dust and residue by vacuum or broom. Wipe surface with slightly dampened terry cloth towel to remove dust and residue.  Before coating is applied concrete must be:  • Dry – No wet areas  • Clean – All contaminants removed  • Profiled – surface etched mechanically    Be Sure to remove any existing coatings. | | ***Application:*** | | The ratio of Patch is 1 to 1. Using separate devices, measure equal amounts from container A and container B. Place material on a 2’ X 2’ mixing board. Once measured, mix both components with a 6” putty knife until a uniform color has been reached. (1 min.) Do not mix more material than can be applied in 10 minutes.  Hairline cracks must be routed with a minimum 1/8” straight diamond blade and cut ½” deep. Make sure to remove any loose concrete and/or foreign material. Dust and debris should be brushed and vacuumed out of crack and off surrounding areas. For larger size cracks, consult with a representative for more detailed instructions.  Apply Patch into the crack with a 6” putty knife, making sure to completely fill. Push material as far into the crack as possible. Feather the Patch at each side of the crack to reduce telegraphing through the finish product Patch may require a second coat or diamond grinding at the edges after it has cured. If grinding is required, it is necessary to grind the feathered edge of the Patch down to bare concrete. If the grinding and feathering process is not done properly, highlights may telegraph through the new coating system. | | ***Testing:*** | | All surfaces are not the same. It is recommended that a sample area be installed before the start of the project. The test should be performed on site, using the proposed method by the assigned applicator to insure proper color and adhesion. A sample area should also be performed if any existing coatings are present to determine if there are any contaminants or if delaminating will occur. | | ***Packaging:*** |   **1 Gallon Kits:**  Part A ......................... 1/2 gal.  Part B.......................... 1/2 gal.  . |  |  |  | |  |  | | --- | --- | | ***Cleanup:*** | | | Patch, while in an un-reacted state, may be cleaned up with a light solvent. Isopropyl alcohol or acetone may be needed once the resin begins hardening. A strong solvent like methylene chloride may be required if Patch is nearly set up. Once cured, you must diamond grind to remove. | | ***Safety:*** | | Refer to SDS sheet before use.  Published technical data and instructions are subject to change without notice. Contact your local dealer for additional technical data and instructions. | | ***Shipping:*** | | Contact your local dealer for shipping information. | | ***Disclaimer:*** | | The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of Terrazeco, LLC. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Contact your local dealer to obtain the most recent Product Data Information. | | ***Warranty:*** | | Terrazeco offers a full year limited warranty on materials from date of purchase. Warranty will provide free material replacement of the product in the event that Terrazeco, materials prove defective and provided materials are installed in strict compliance of **“Directions for Application”** by a certified applicator.  Terrazeco will not be responsible for any consequential damages caused by product failure.  Made in USA  http://blackbear-martialarts.com/wp-content/uploads/2013/02/tsd-us-flag.jpg | |