

Honey Combed Concrete Treatment-Application Instruction

In order to produce a high quality repair in accordance with manufacturer's written instruction, please follow the specification utilizing the materials and workmanship as outlined in this specification. The Multiguard In-depth Type A/B - Application Instructions are intended to provide a standard specification for general applications of Multiguard In-depth Type A/B, should you require specific project related information please contact our Tech. Dept. for assistance.

Safety Precautions:

- Use safety glasses at all times
- Use rubber gloves when handling materials
- Avoid contact with skin and eyes as materials become caustic when mixed with water.
- Follow all Hydronil's safety requirements as per product literature.

Limitations:

- Not recommended for moving joints.
- Requires wet curing for a minimum of 48 hours.
- Requires a minimum of 24 hours before exposure to freezing temperatures.
- Not a decorative and may cause discoloration of concrete surfaces.

Material Needs

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| • Multiguard In-depth Type A | • Clean water for mixing |
| • Multiguard In-depth Type B | • Chipping, chiseling or routing equipment |
| • Multiguard In-depth Mortar | • 2.5 cm margin trowel |
| • Multiguard In-Depth PlugFast | • Natural bristle concrete brush |
| • Premix RM | • Safety goggles |
| • Clean mixing pails | • Rubber Gloves |
| • Clean mixing tools | • Measuring tools (by volume) |
| | • Water sprayer |

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Resource Literature Required:

Multiguard In-depth Type A/B Surface Preparation Instructions-specification 1000
Multiguard In-depth Crack and Joint Repair Instructions-specification 1001-3
Multiguard In-depth Honeycomb Repair Instructions-specification 1006
Multiguard In-depth Hole Repair Instructions-specification

Step 1: Inspection

Inspect the application surface looking for cracks, holes, honeycombs, loose concrete and any other impediments to surface preparation requirements. Concrete must be sound.

Step 2: Prepare Surface

Follow Multiguard In-Depth Type A/B Surface Preparation Instructions to prepare the concrete surface to an open pore and integrally sound condition.

Step 3: Prepare and Repair all Cracks and Construction Joints

Use Multiguard In-depth Existing Crack and Joint Repair Instructions to prepare and repair all existing cracks and joints.

Step 4: Clean and Saturate

Power-wash the entire area thoroughly. Insure that the concrete repair area is very well soaked. Remove all pooled water as Hydronil recommends the concrete to an SSD condition (Saturated Surface Dry)

Step 5: Mix and Apply Multiguard In-Depth Type A

Mix Multiguard In-Depth Type A to a brushable slurry consistency using 5 parts powder to 2 parts clean water. Using a natural bristle concrete brush coat the entire wall using an aggressive circular motion and covering the entire surface area.

Step 6: Allow Setting Time

Allow Multiguard In-Depth Type A to set (approximately 2 to 3 hours subject to application conditions).

Step 7: Mix and Apply Multiguard In-Depth Type B

Mix Multiguard In-Depth Type B to a brushable slurry consistency using 5 parts powder to 2 parts clean water. Using a natural bristle concrete brush, coat the entire wall using an aggressive circular motion and covering the entire surface area.

Should you wish a smoother finish after the application has been vigorously brushed on, a trowel maybe used to provide a smoother finish.

Step 8: Wet Cure and Protect

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Once the final coat of Multiguard In-Depth Type B has set (roughly 2 to 3 hours from completion of application) wet the area. Keep the area damp for a minimum of 48 hours. Protect against sun, wind and rain for a minimum of 48 hours.