

Multiguard In-Depth Type A/B - Application Guidelines

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 Guidelines 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 Technical Department 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 Multichem 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 finish and may cause discoloration of concrete surfaces.

Material Needs

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

Resource Literature Required:

Multiguard In-Depth Type A/B Surface Preparation Instructions
Multiguard In-Depth Crack and Joint Repair Instructions
Multiguard In-Depth Honeycomb Repair Instructions
Multiguard In-Depth Hole Repair Instructions

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. Ensure that the concrete repair area is very well soaked. Remove all pooled water as Multichem 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

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.