

Multiguard In-depth Surface Preparation Specification

Waterproofing with Hydronil's MICT Multiguard In-depth Type A and Multiguard In-depth Type B is achieved by way of catalytic chemicals being drawn into the pores and capillaries of the concrete through the medium of moisture. In order to achieve this, it is very important that the surface of the concrete is prepared to an "open pore" surface.

1. Clean the area to be treated for at least 15 cm on each side of the crack or joint. The surface must be clean of all old surface contaminants such as oil, paints, epoxies, curing agents, form oils, grease, bitumen and laitance. There are several forms of mechanical surface preparation systems that may be used they include sandblasting, scarifying, sanding, and shot blasting. Insure that upon completion of any mechanical preparation all surface pores are open. We recommend using a high powered pressure sprayer with clean water after mechanical surface preparation.
2. Repair any and all damaged areas. Use the **MICT Crack and Joint Repair Instructions** to repair any existing cracks or construction joints.
3. Power wash entire the entire area thoroughly. Insure that the concrete repair area is thoroughly soaked. This is to be completed when the area is clean, open pore and the concrete has been thoroughly soaked not just dampened.
4. Remove all pooled water as Hydronil recommends the concrete to an SSD condition (Saturated Surface Dry)
5. Apply Multiguard In-depth Type A and Multiguard In-depth Type B as per Hydronil's MICT Surface Applied Application Instructions

Notes:

- Do not acid etch.
- If surface is to smooth, it must be roughened slightly for better adhesion.
- Multiguard In-depth Type A and Multiguard In-depth Type B can be applied over other MICT crystalline repair products after the applied products have set.