

## FloorGuard

### I. Description

- A. FloorGuard is a high density polyethylene dimpled drainage mat that offers strong resistance to hydrostatic pressure and creates a space for water to flow to an interior basement water collection system.

### II. Where to Use

- A. FloorGuard creates a space between the foundation wall, footing and basement floor slab for water entering a basement through the cove joint, leaking ties, cracks, or pipe penetrations, to flow to an interior water collection system. FloorGuard is applied to the interior face of a foundation wall and on top of the footing with the floor slab poured over the FloorGuard. FloorGuard can be used on any type of foundation. Installation can be done on new construction or as a repair.

### III. Site Conditions

- A. Remove loose material from the area that FloorGuard is to be installed on.
- B. For concrete lock foundations, drill 1" diameter holes into each web space of the block to release trapped water. These allow future groundwater to drain under the slab and FloorGuard and to the drain tile.

### IV. Application of FloorGuard

- A. FloorGuard unrolls from right to left. The dimples will face the wall and the footing.
- B. Unroll 10' at a time.
- C. Bend FloorGuard so that 4" extends vertically up the wall. The rest extends over the footing and covers the interior drainage system. Attach with fasteners every 18"
- D. Install the FloorGuard profile strip over the top edge of the Floorguard to prevent concrete from filling the dimple space. Attach with fasteners every 12". This also provides a joint to seal with ATC 100 to protect from radon gas infiltration.
- E. Inside Corners  
Install FloorGuard right to left as normal. Trim the base section of FloorGuard on the left hand side of the corner that extends over the footing. Leave the section that extends vertically up the wall and attach with fasteners.
- F. Outside Corners  
Install from right to left. Extend the base section of FloorGuard on the footing past the wall and over the footing and interior drainage system. Start again on the other side of the corner. Trim the 4" extension up the wall from the FloorGuard and overlap the previously installed section by 2".
- G. Overlaps and Joints  
Where seams come together overlap the dimples by 2". For higher installation up the wall, install the bottom course first. Overlap the top course by 3" onto the bottom course.

H. FloorGuard Profile Strip/ATC 100

The HDPE profile protects the dimpled area from becoming clogged with concrete. Apply a bead of ATC 100 sealant and adhesive to the top flange of the FloorGuard Profile. Place the profile over the dimples along the top edge of FloorGuard. Press firmly to the wall. ATC 100 can be applied to wet or dry concrete or concrete block

**VI. Safety**

- A. Review the Material Safety Data Sheet (MSDS) for complete safety information
- B. Exercise proper industrial hygiene when using FloorGuard.

**VII. Clean Up**

- A. Disposal methods must be in compliance with all federal, state and local laws and regulations.

**PRODUCT WARRANTY**

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