



CactusBoard With Seal Strip

Specifications

Manufacturer	Product
Basement Systems Inc. 60 Silvermine Rd. Seymour, CT. 06483 800-640-1500	CactusBoard™ With Seal Strip U.S. Patent #D456,911 Part # 01220B
Description	CactusBoard™ With Seal Strip is a sub-floor perimeter drainage form for new construction basements and other sub-terrain structures, that includes a ½" x ⅝" seal strip that helps maintain a seal around the perimeter of the basement slab while still allowing any water seepage from the wall to enter the system. This seal aids in the proper installation of a Radon System, where one is required. CactusBoard™ With Seal Strip is a custom designed polystyrene molded form which is fastened to the interior footing/wall joint to create an air space for water from the walls and footing/wall joint to travel across the top of the footing and drain into an aggregate bed under the floor.
Use	CactusBoard™ With Seal Strip is used to form and create a conduit for water seepage from footing/wall joints, block walls and poured concrete walls to cross the top of the footing and drain directly under the floor where a radon mitigation system is required to maintain a seal around the perimeter of the foundation, but still allow water to enter the system.
Physical Properties	CactusBoard™ With Seal Strip Height: 4¾" CactusBoard™ With Seal Strip overall Width: 6" CactusBoard™ With Seal Strip Thickness: .040" CactusBoard™ With Seal Strip Lengths: 6' CactusBoard™ With Seal Strip Composition: Virgin Verex 6200 Super High impact Polystyrene CactusBoard™ Color: Black Seal Strip: ½" x ⅝" open cell self-adhesive.

Features
CactusBoard's design allows it to accept concrete into the floor and wall dimpled cavities, which creates a positive structural contact between the floor/footing and floor/wall joints. CactusBoard's unique design also allows water to flow front to back and side to side and avoid any chance of clogging. CactusBoard also has a ⅜" wall gap opening that will accept wall seepage that runs down the inside foundation wall.
Joints are overlapped by 1 dimple or butted.
CactusBoard corners are custom made in the field by cutting a wedge in the base section or the material and bending the back into or around the corner.

Installation Procedures
CactusBoard is set on top of the footing on the inside of the foundation wall with the back of the CactusBoard set against the foundation wall. After the CactusBoard is set in place it is nailed into place with a 1" masonry nail or other fasteners. Each 6' section must have a minimum of 2 nails to hold it into place until the concrete is poured. Since CactusBoard flows primarily across the footing and down into the stone bed, rather than laterally, it is not important, or required to install the product continuously around the perimeter. A minimum of 4" of clean stone aggregate must be installed under the floor, with or without an interior footing drain. The aggregate bed must be kept drained by means of a sump or daylight drain.

