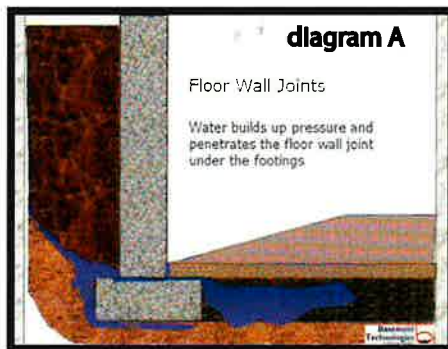


BASEBOARD AQUA ROUTE®

The Baseboard Aqua Route® was developed by Basement Technologies® to address specialty floors with very thick, fiber-reinforced rebar or monolithically poured floors. The Baseboard Aqua Route® works very well as long as there are no leaking floor cracks or holes in the middle of the floor. If there are minor cracks, special operations for installation can repair these. The majority of basement water seepage comes from the floor/wall joint. This is due to water pressure in the over dig area outside the foundation walls, Water in this over dig area creates pressure where the foundation footing meets the foundation wall. Water seeks the point of least resistance and therefore, will come in on the joint over the footing and under the foundation wall and then straight to where the floor meets the wall. This is particularly true if there are no floor cracks or penetrations in the cement floor in the basement. (see diagram A)



**Basement
Technologies®
custom
tailors each
Installation.**

The Baseboard Aqua Route® is made out of a ridged polyvinyl chloride, colored gray to match the concrete on the floor and the foundation wall. A special two-part epoxy is applied to the bottom of Baseboard Aqua Route® to secure it permanently to the concrete floor. This seal is warranted for the lifetime of the structure and is transferable upon sale. The preparation process is critical; scarfing the concrete and then sanitizing the floor makes the epoxy seal virtually impossible to penetrate. Holes are drilled at the floor wall joint. If it is a poured foundation wall, holes are drilled through the foundation at a 45-degree angle downward to the footing. These holes allow the water, that is coming in over the footing and threatening to come onto the floor, to move upward onto the back of the Baseboard Aqua Route® acting similar to a roof "gutter" to remove the water into the Baseboard Aqua Route® towards the pump. If there is a block wall, holes are drilled directly into the block. Special connectors adhere each 8 ft. piece of the Baseboard Aqua Route® together, inside and outside corners are pre-cut (for exact fit) and then 1-1/2" PVC is used to drain from the Baseboard Aqua Route® into the Water Grabber® Bull Dog™.



1-800-BUSY DOG®

"Where design and innovation keys our superior products™"



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BASEBOARD AQUA ROUTE®

**Basement
Technologies**
The Basement Specialists™
Basement Waterproofing



REST EASY.™

These systems come with a lifetime structure warranty and will work very effectively. The system was invented approximately 30 years ago and then improved by Basement Technologies.®

When the basement floor is hard and thick and it is impractical to open the floor, the Baseboard Aqua Route® is the best change of plan. If steel is in the floor (rebar), it may be impractical to cut out the floor around the perimeter. When the footing and the floor are poured at the same time, building engineers and inspectors agree that cutting or opening the floor may cause a structural problem. The footing could crack and "shear" eventually threatening the building's structural integrity.

"There isn't a basement we can not waterproof!"

Basement Technologies® Baseboard Aqua Route® is usually applied if our installation technicians design a:

1. monolithic pour
2. very thick floor without floor cracks, or
3. rebar reinforced floors
4. structural floors

**Improving
basement
waterproofing
from the
ground
up™**



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