



Hydra-Guard™ WB Waterproofing Membrane



15-YEAR LIMITED WARRANTY*

Keep Your Basement Dry

You do not expect the roof of your new home to leak, so why not your new basement? Keeping a home and its belongings dry starts below ground level. Without Hydra-Guard™ WB Waterproofing Membrane your basement could leak. It could be next year, next month or tomorrow. The truth is that any time is the wrong time. Basements offer little resistance to water and need the protection that Hydra-Guard™ WB provides.

What is Waterproofing?

For decades basements were only dampproofed. Dampproofing only stops water vapor, not water under hydrostatic pressure. Also, dampproofing is brittle and can not bridge cracks in a basement. To stop water from entering a basement, waterproofing needs to be seamless, stretch over cracks in the foundation and withstand water under hydrostatic pressure. Hydra-Guard™ WB is a polymer modified asphalt that exceeds all of these requirements at an affordable cost.

Foundation Preparation

Before spraying Hydra-Guard™ WB, the foundation must first be readied. The walls should be clean and free of loose material, such as mud or dirt that may prevent Hydra-Guard™ WB from bonding to the concrete. Wall ties need to be broken off and coated with either a mastic or grout. Also, fill voids and honeycomb with mastic or grout to provide a smooth surface for the installation of Hydra-Guard™ WB.

When to Apply Hydra-Guard™ WB

Hydra-Guard™ WB can be applied as soon as the foundation forms are removed. However, to get a good bond, the walls must be dry and not have standing water on the footers. Hydra-Guard™ WB has the advantage of being able to be sprayed as low as 25°F if the walls are free of frost. Spray application with a gun or wand provides the most uniform application to a basement wall.

After Application

Once application is complete, Hydra-Guard™ WB will be ready to backfill after 24 hours. The final thickness after curing is 40 mils. An exterior and interior drainage system will then direct water either to daylight or a working sump basket.



When installed by a Professional Selected Contractor, Hydra-Guard™ WB will provide years of worry free protection from water seepage.

Professional Selected Contractors

Only Selected Contractors can apply Applied Technologies waterproofing products. This ensures that a professional job is correctly done every time. Your local Selected Applicator can answer any questions you may have about waterproofing your home.

Contact your local contractor at:

*See Actual Warranty for Details

Hydra-Guard™ WB Waterproofing Membrane Specifications

Physical Properties

| | |
|---------------------------------|-----------------------------------|
| Type | Polymer Modified Asphalt Membrane |
| Color | Black |
| Solid Content | 70-77% |
| Density | 7.9 lb/gal. |
| Minimum Application Temperature | 25°F |
| Application Method | Brushed, Rolled, or Spray Applied |
| Application Thickness | 60 mils wet, 40 mils cured |
| Cure Time | 24 Hours |
| Coverage Rate | 25-30 ft ² /gal |

Membrane Test Results

| <u>Properties</u> | <u>Results</u> | <u>Test</u> |
|------------------------------------|---|----------------------------------|
| Resistance to Water Flow | | |
| Bond Adhesion to Substrate | Good | ASTM D 466, par 5 |
| Remulsification | None | |
| Ability to Remain in Place | Good | ASTM C 836-89, par 5.9 |
| Tensile Strength | 53 psi @ 75°F | ASTM D 412 |
| Elongation | 1850% | ASTM D 412 |
| Resistance to Mold | No Growth | ASTM D 3274 |
| Water Vapor Permeance | WVT (grains/ft ² /hr) 0.12 WVP (perms) 0.28 | ASTM E 96 wet cup method |
| Water Solubility | None | ASTM D 2939 par 17 |
| Resistance to Hydrostatic Pressure | No Leaks No Weight Gain to Substrate | Fed. Spec. TT-C-555 B, par 4.4.7 |
| Crack Bridging | Exceeds 10 Cycles to 1/8" @ -15°F | ASTM C 836 par 5.7 |