



# Hydra-Guard™ Waterproofing System

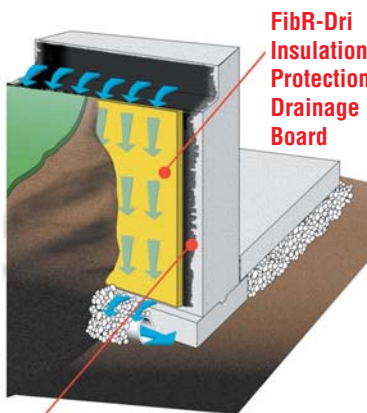


**35-YEAR LIMITED WARRANTY\***

## The Modern Basement

The uses for basements has evolved over the past several decades so that now they are used for everything from the traditional storage to home theaters. In the past, only minimal protection against water was provided by dampproofing. Dampproofing is unable to cover basement cracks or even stop water under hydrostatic pressure. Now the highest level of protection against basement water is available with the Hydra-Guard™ Waterproofing System.

## FibR-Dri™ Protection Panel



**FibR-Dri  
Insulation/  
Protection/  
Drainage  
Board**

Thickness	R-Value
3/4"	3.1
1-3/16"	5.0
2-3/8"	10.0

FibR-Dri insulation board protects the Hydra-Guard membrane from damage while providing exceptional drainage and insulation.

## Hydra-Guard Waterproofing Membrane

Water flows through the FibR-Dri™ Protection Panel and the Hydra-Guard™ Membrane stops water from entering the basement.

## Double Protection

The Hydra-Guard™ Waterproofing System consists of two steps to keep a basement dry.

First, the Hydra-Guard™ Membrane is applied to a basement. The Hydra-Guard™ Membrane seals a basement from water. Now water is unable to penetrate the basement, even if it cracks.

For even more protection, FibR-Dri™ Protection Panels are then placed over the Hydra-Guard™ Membrane. Ground water flows through FibR-Dri™ to the drain tile. In addition, FibR-Dri™ protects the membrane from damage during backfilling. By insulating the basement, the walls are kept closer to the interior temperature and reduce condensation build up inside.

## Foundation Preparation

For a quality installation that will protect a basement for years to come, the walls must first be readied. Honeycomb and voids must be treated with mastic or non-shrinking grout. Application can begin as soon as the forms are removed if the walls are free of frost and water.

## After Application

When completed, the basement can be backfilled 12-24 hours later. The Hydra-Guard™ Waterproofing System gives the most protection from water available without delaying construction.



Professional installation by certified applicators guarantees a quality application of the Hydra-Guard™ Waterproofing System.

## 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™ Waterproofing System Specifications

## Hydra-Guard™ Membrane Physical Properties

Type	Polymer Modified Asphalt Membrane
Color	Black
Solid Content	70-77%
Density	7.9 lb/gal.
Minimum Application Temperature	0°F
Application Method	Brushed, Rolled, or Spray Applied
Application Thickness	60 mils wet, 40 mils cured
Cure Time	16-24 Hours
Coverage Rate	20-25 ft <sup>2</sup> /gal

## Hydra-Guard™ 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	48 psi @ 75°F	ASTM D 412
Elongation	1725%	ASTM D 412
Resistance to Mold	No Growth	ASTM D 3274
Water Vapor Permeance	WVT (grains/ft <sup>2</sup> /hr) 0.12	ASTM E 96 wet cup method
	WVP (perms) 0.28	
Water Solubility	None	ASTM D 2939 par 17
Resistance to Hydrostatic Pressure	No Leaks	Fed. Spec. TT-C-555 B, par 4.4.7
	No Weight Gain to Substrate	
Crack Bridging	Exceeds 10 Cycles to 1/8" @ -15°F	ASTM C 836 par 5.7

## FibR-Dri™ Physical Properties

Dimension	3'X4'
Thickness	3/4", 1-3/16", 2-3/8"
Material	Fiberglass

## FibR-Dri™ Test Results

<u>Thickness</u>	<u>R-Value* (ASTM C-177)</u>	<u>Drainage (Gal/Hour/Lineal Ft.)</u>
3/4"	3.1	74
1-3/16"	5.0	118
2-3/8"	10.0	237

\*As Manufactured

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