



# HYDROGAP® DRAINABLE HOUSEWRAP

## PHYSICAL PROPERTIES DATA SHEET

Properties	Test	Test Standard	HydroGap™ Performance	AC 38 Test Requirement
Strength	Dry Breaking Force	ASTM D 5034	Machine 58.04 lb <sub>f</sub> Crosswise 50.64 lb <sub>f</sub>	Machine ≥ 40lb <sub>f</sub> Cross Machine ≥ 35lb <sub>f</sub>
Water Resistance	Hydrostatic Head	AC38 Section 3.3.2 (4.2.1)	PASS - no penetration of test specimens	Withstand 55cm of water for period of 5 hours
	Water Ponding	CCMC Guide MF07102	PASS	No water observed passing through membrane
	Boat Test	ASTM D-779	PASS	Water resistance by dry indicator method
Vapor Permeability	Water Vapor Transmission	ASTM E 96	Permeance (perms) 16 (Method A); 14.1 (Method B) Water Vapor Transmission (g/24 . m <sup>2</sup> ) 104.6	Minimum Permeance (perms) 5 Min. Vapor Transmission 35 (g/24 . m <sup>2</sup> )
Pliability	Cold Mandrel Bend	AC38 Section 3.3.4	No cracking	No cracking at 1/16" diameter bend with temperature: 32°F
Air Resistance	Air Permeance	ASTM E 2178	At 75 Pa calculated flow rate: Metric: 0.0082 L/(s.m <sup>2</sup> ) Standard: 0.00161 cfm/ft <sup>2</sup>	At 75 Pa calculated flow rate ≤ 0.02 L/(s.m <sup>2</sup> )
Moisture Drainage	Drainage Efficiency	ASTM E 2273	96% Drainage Efficiency	Min. Drainage Efficiency ≥ 90%
Fire Resistance	Surface Burning Characteristic	ASTM E 84	Flame Spread Index (FSI) = 0 Smoke Developed Index (SDI) = 75	Flame Spread Index < 100 Smoke Developed Index < 450
UV Resistance	Ultraviolet Light Exposure	AC38 Section 4.1.2	PASS	UV exposure of 210 hours

### HydroGap Dimensions

Roll Width: 5ft

Roll Length: 100ft

Roll Weight: 17lbs

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