

WATERPROOFING PROPERTIES OF LIQUID BOOT®

Although marketed as a gas vapor membrane, Liquid Boot® does have inherent dampproofing and waterproofing characteristics. It has been tested and received City of Los Angeles approval as Below Grade Waterproofing. City of LA waterproofing requires extensive testing which includes:

PROPERTIES	TEST METHOD	VALUE
Water Vapor Transmission	ASTM E96	1.0 perms
Resistance to Decay	ASTM E154	maximum 10% weight loss
Tension and Elongation	ASTM E412	no cracking after 0.25"
Adhesion in Peel	ASTM C794	minimum 1 lbf/in
Hardness	ASTM C846	50 minimum
Hydrostatic Pressure Resistance	ASTM D751	up to 20 psi

Liquid Boot® has superior chemical resistance properties to competing spray-applied latex-asphalt barriers which are marketed as gas vapor and waterproofing systems. This is because Liquid Boot contains polychloroprene latex while competitor's products contain inferior styrene-butadiene latex. Weak points occur in competitor's systems at geosynthetic overlaps and key detail areas, such as pipe penetrations and wall-to-slab joints. A high quality latex-asphalt membrane is the critical component at these key weak points. Thus, Liquid Boot® should be expected to out-perform competing spray-applied systems, including 'multi-layer' systems, with respect to long-term waterproofing and gas vapor applications.

Copies of the test data are available upon request from CETCO. This information should give the specifier confidence that Liquid Boot will provide superior performance to competing spray-applied latex-asphalt barriers.

For projects that require a waterproofing warranty, CETCO recommends a "dual system" that includes Liquid Boot® plus CETCO Building Materials waterproofing products. CETCO provides the industry's best warranty, the Hydroshield™ Quality Assurance Program, for these "dual system" projects. Please contact your CETCO Remediation Technologies Technical Sales Manager for more information on the CETCO "dual system".