

# TECHNICAL DATA

## ULTRASHIELD™ P-100

### PROTECTION COURSE

#### DESCRIPTION

UltraShield™ P-100 protection course utilizes certified virgin resins and additives. A combination of good chemical resistance, high tensile strength, high environmental stress crack resistance, low permeability, low temperature cracking resistance and high puncture resistance into a thin mil membrane acts as the ultimate in gas vapor membrane protection.

#### APPLICATION

UltraShield™ P-100 serves as the protection layer to Liquid Boot® gas vapor mitigation systems.

#### BENEFITS

UltraShield™ P-100 provides an easy-to-install, cost-effective barrier for protecting Liquid Boot® gas vapor barriers from other trades.

#### INSTALLATION

Proper installation is critical to the success of a gas vapor system. Supervised backfilling and compaction practices must be followed

#### TESTING DATA

PHYSICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULT
Puncture Resistance	ASTM D 1709	936 g
Tensile Strength	ASTM E 154	30.24 lbf/in.
Water Vapor Permeability	ASTM E 154	0.062 perms
Thickness		10 mil
Roll Dimensions		10 ft. x 150 ft.
Roll Core		3" diameter
Roll Weight		Approx. 86 lbs.

#### PACKAGING

**UltraShield™ P-100 is available in the following packaging option:**

- 10 ft. x 150 ft. Rolls



UltraShield™ P-100 provides additional chemical resistance and protection when used as a component of the Liquid Boot® gas vapor mitigation systems.

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