

# Physical Properties

## ThermaDRY®

<b><u>Attributes</u></b>	<b><u>Value</u></b>	<b><u>Test</u></b>
Extruded Polystyrene	25 psi—Type IV 40 psi—Type VI 60 psi—Type VII	ASTM C 578
Extruded Polystyrene Thickness	2" (50.80mm)	
Polyester Filter Fabric Thickness	12.1 mils (0.31mm)	
Square Edge All Sides		
Finished Overall Dimensions	24" wide (610 mm) 96" long (2439 mm) 2.012" thick (51.11 mm)	
Weight	.091 lbs./ ft <sup>2</sup> (22 kg/m <sup>2</sup> )	
R-Value	5/inch of foam (0.03 m <sup>2</sup> x K/W per mm)	ASTM C 518
Compressive Strength (Foam Insulation)	25 psi—2160 psf 40 psi—3460 psf 60 psi—5180 psf	ASTM D 1621
Flow Rate (at 500 lbs/sf load)	25 psi—9.5 gpm/ft 40 psi—12 gpm/ft 60 psi—12 gpm/ft	ASTM D 4716
Water Absorption (% by volume max)	0.3	ASTM D 2842
Permeability	25 psi—1.5 40 psi—1.0 60 psi—0.8	ASTM E 96

ThermaDRY® is a registered trademark of T. Clear Corporation

