

PRODUCT DESCRIPTION

VoidX™ Polystyrene is a premium grade of expanded polystyrene from Danterr manufactured to conform to the requirements of the Australian Standard AS 1366, Part 3-1992 for expanded polystyrene block materials. VoidX™ Polystyrene is produced in 5000x1200x600 mm blocks which can be custom cut to a variety of dimensions within tight tolerances. All Danterr VoidX™ Polystyrene products are free of ozone depleting substances.

Physical Property	Units	VoidX™	Test Method
Compressive Stress @ 10% Deformation, min	kPa	135	AS 2498.3
Cross-breaking Strength, min	kPa	260	AS 2498.4
Rate of Water Vapor Transmission, max Measured parallel to rise @23°C	µg/m ² .s	460	AS 2498.5
Dimensional Stability of length width and thickness, max @70°C over 7 days	Percent	1	AS 2498.6
Thermal Resistance, min At a mean temperature of 23°C 50mm sample	M ² K/W	1.25	AS/NZS 4859.1
Flame Propagation characteristics			
-median flame duration, max	Second	2	AS 2122.1
-eighth value, max	Second	3	
-median volume retained	Percent	40	
-eighth value, min	Percent	37	
Apparent Bulk Density, min	g/f	24	ISO 845
*Please note: Testing to Thermal Resistance AS/NZS 4859.1 although able to be tested is not NATA accredited. All other test specified are NATA accredited.			