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Compliance Certificate - AS1366.3-1992 Foamex Styroboard EPS

Australian Standard 1366, Part 3 – 1992 Physical Properties of Rigid Cellular Polystyrene; sets out minimum properties for six classes of EPS and stipulates manufacturing methods for compliance. The table below details the Physical Properties of EPS required to satisfy AS 1366, Part 3 – 1992.

Physical Property	Unit	Class						TEST METHOD
		L	SL	S	M	H	VH	
Compressive Stress at 10% deformation, min	kPa	50	70	85	105	135	165	AS2498.3
Cross - Breaking Strength ; min.	kPa	95	135	165	200	260	320	AS2498.4
Rate of water vapour transmission ; max - measured parallel to rise at 23°C	µg/m²s	710	630	580	520	460	400	AS2498.5
Dimensional Stability of Length ; max ; -at 70°C, dry conditions ; 7 days	Per cent	1.0	1.0	1.0	1.0	1.0	1.0	AS2498.6
Thermal resistance (min) at a mean temperature of 25°C (50mm Sample)	m²K/W	1	1.13	1.17	1.2	1.25	1.28	AS2464.5 or AS2464.6
Flame Propagation Characteristics :								
-median flame duration ; max	s	2.0	2.0	2.0	2.0	2.0	2.0	AS2122.1
-eight value ; max	s	3.0	3.0	3.0	3.0	3.0	3.0	
-median volume retained ;	Per cent	15	18	22	30	40	50	
-eighth value ; min	Per cent	12	15	19	27	37	47	

Foamex Styroboard™ EPS supplied to **Burton Industries Pty Ltd** located at **2/257 Colchester Rd, Kilsyth South VIC 3137** has been subjected to a manufacturing process that upholds this standard. As is the nature of the Burton Industries business, all Foamex EPS Supplied to Burtons contains Fire Retardant additives which are required to achieve the Fire Propagation Characteristics listed in the above table.

Certification # 137

