

CL A2 Iso Pad

DATA SHEET

CL A2 Iso Pads are designed to be A2 Fire Rated as well as having a high compressive strength and low thermal conductivity.

Compliant for use in buildings above 18m under Approved Document B of the Building Regulations, this material allows specifiers to meet multiple requirements in one.

The CL A2 Iso Pad has been independently tested and meets A2,s1,d0 (full report available on request). We can supply this as cut pads, strips or in any other shape within the parameters of the material.

Compressive Strength at 23°C (73°F)	Unit	Value	Test Standard
Characteristic	MPa (PSI)	384.0 (55,694)	ISO 826
Design	MPa (PSI)	320 (46,412)	ISO 826

Mechanical Properties

Flexural Strength	MPa (PSI)	165 (23,931)	ISO 178
Modulus of Elasticity	MPa (PSI)	9000 (1,305,340)	ISO 178
Coefficient of Friction (Static)	/	0.33/0.35	ASTM D1894

Physical Properties

Density	g/cm ³ (lbs/ft ³)	2.15 (+/-0.1) (134)	ISO 1183
Water Absorption 24h 23°C (24h 73°F)	%	<1	ISO 12087

Thermal Properties

Operating Temperature	°C (°F)	-100/ +500 (-148 +932)	
Coefficient of Linear Expansion //	1.0E-6 / K	10	DIN 53752
Thermal Conductivity	W/m.K (BTU/Hr/ft ² /in/°F)	0.25 (1.73)	DIN 52612
Flame Retardancy		A2,s1,d0	EN 13501-1

Thicknesses Available	mm (")	5 (0.196) 6 (0.236) 10 (0.393) 12 (0.472) 15 (0.59) 20 (0.787) 25 (1)	
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