

Cement Engineering Board

TENMAT L grades have been developed to provide outstanding service in demanding thermal applications where a quality high strength machineable engineering board is required.

TENMAT L grades are available in sheets of approx. dimensions 1245 x 940 mm with thickness between 6 and 75 mm. Alternatively, **TENMAT** machined components are available on request.

TENMAT L23 has a higher resistance to moisture absorption via a surface proprietary silicone treatment.

TENMAT L26 is resistant to moisture ingress via a vacuum impregnated proprietary silicone treatment. This is available in component form and in sheets of 620 x 940 mm and up to 25mm thickness.



PROPERTY	UNITS	L21	L23	L26
Density	g / cm ³	1.9	1.8	1.9
Compressive Strength	MPa @ ambient	95	85	87
Compressive Yield	%	3	3	2
Shear Strength	MPa @ ambient	20	29	26
Flexural Strength	MPa @ ambient	25	32	37
Water Absorption	% in 24 hours @ 23 °C	16	8	1
Electric Strength @ 90 °C	KV/mm in air	2	2	2.9
Surface Breakdown @ 90 °C	KV in air	14	16	17
Thermal Conductivity	W/mK	0.5	0.5	0.5
Maximum Continuous Operating Temperature	°C	230	230	230
Maximum Intermittant Operating Temperature	°C	250	250	250

The information contained in this data sheet is presented in good faith. They are typical test results tested generally in accordance with BS 2782 and ASTM test methods and should not be used for specifications. **TENMAT** does not warrant the conformity of its materials to the listed properties or their suitability for any particular purpose. For further information please contact our Technical Sales Department on +44 161 872 2181.