

## Cement Engineering Board

**TENMAT** H96 has been specially developed to provide outstanding service in demanding thermal applications, where a quality, high strength, machineable engineering board is required.

**TENMAT** H96 exhibits excellent strength even at high temperatures reaching up to 500°C. This, alongside it being asbestos-free, has underlined H96's position as the leading engineering cement available.

**TENMAT** H96 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	H96
Density	g / cm <sup>3</sup>	2.2
Compressive Strength	MPa @ ambient 24 hours @ 350 °C 24 hours @ 500 °C	130 75 55
Flexural Strength	MPa @ ambient 24 hours @ 350 °C 24 hours @ 500 °C	37 28 23
Impact Strength	Kj/mm @ ambient 24 hours @ 350 °C 24 hours @ 500 °C	4 3 2.9
Linear Shrinkage	% @ 350 °C	0.36
Water Absorption	% in 24 hours @ 23 °C	1
Electric Strength @ 90 °C	KV/mm in air	2
Surface Breakdown @ 90 °C	KV in air	15
Maximum Continuous Operating Temperature	°C	500

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.