

# TECHNICAL DATA SHEET

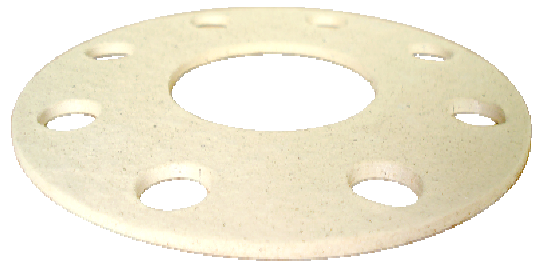
## CERAMIC FIBRE MILLBOARD

### JOINTING SHEETS

# TME 500

### Description

Ceramic fibre millboard which has excellent insulating properties and compressive strengths and is produced in a unique, continuous board manufacturing process from a blend of ceramic fibres, clay, insert fillers and a small amount of organic/inorganic binders for increased handling strengths. Maintains its strength and thermal stability throughout a wide temperature range up to 2300 °F. These features make it an excellent choice for a wide range of applications.



### Material Properties

Colour	Cream
Temperature	2300 °F 1260 °C
Working Temperature	2000 °F 1093 °C
Melting Point	3200 °F 1760 °C

### Physical Properties

Available Density (Kg/m <sup>3</sup> ) (Lbs / ft <sup>3</sup> )	560 - 640 35 - 40
LOI (% by Wt)	8 - 10%
Compressive Strength Mpa (Psi) @ 20% Deformation	12 (1740)
Thermal Conductivity (W/m k) @752 °F (400 °C) @1472 °F (800 °C) @1832 °F (1000 °C)	0.1 0.15 1.18

### Chemical Analysis

Al <sub>2</sub> O <sub>3</sub>	38%
SiO <sub>2</sub>	57%
Other	5%

Jointing sheets can be cut either to standard or customer specific requirements in-house.