

# Gasket Man cc

## Data Specifications Sheet

### Ceramic Board Hard

Ceramic fibre boards are manufactured from aluminosilicate fibres and binders. The boards are chemically inert.

#### General Properties

- High temperature stability
- Inorganic and resistant to most chemicals
- Low heat storage
- Resistance to thermal shock
- Excellent sound absorption
- Contain no water of hydration
- Resistant to oxidation and reduction
- Lightweight
- Thermal properties unaffected (after drying) by water or steam
- Easily cut and machined with standard woodworking
- High compressive strength

#### Application

- Full thickness refractory lining
- Insulating backup to dense refractories
- Insulating backup to brick and cast able
- Furnace hot facing lining in ceramic kiln and furnace
- Board over blanket hot face
- Alternative to lower temperature mineral wool block
- Thermal insulation where high velocities are encountered
- hot gas duct linings

#### Physical Properties

Colour	White
Classification temperature	1260°C
bulk Density ( $\pm 10\%$ )	270 Kg/m <sup>3</sup>
Linear shrinkage on heating for 24Hours	< 5%
Thermal conductivity at temperature of:	
200°C average (W/m <sup>2</sup> K)	0.045- 0.060
400°C average (W/m <sup>2</sup> K)	0.085- 0.110
600°C average (W/m <sup>2</sup> K)	0.152- 0.200
Thickness	25mm, 50mm

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