

Technical DATA SHEET

SUPERWOOL Element Lining Board

Product Description

Vacuum Formed Superwool Boards are finished with smooth edges for squareness and close tolerances. One side of the board is generally smooth, whilst the other has a rough appearance that aids installation when gluing. They are a lightweight and rigid board that can be easily cut and shaped.



Superwool Boards are an alternative to ceramic fibre boards in most applications suitable for temperatures up to 1100°C.

Typical Applications

- High temperature gaskets
- Combustion chamber, kiln and heater insulation
- Thermal shielding and barriers, including splash protection

Typical Physical Properties

Classification Temp (°C)	1100
Colour	Off White
Density (kg/m ³)	320
Modulus of Rupture (MPa)	1.2
Compressive stress (MPa) At 10% reduction in thickness	0.25
Shrinkage @ 1100°C for 24 hrs	1.6
Loss of Ignition After 2 hrs @ 800°C	7

Thermal Conductivity

Mean Temp (°C)	W/m.K
400	0.09
600	0.12
800	0.13
1000	0.20

- Thin board is easily die-cut and all boards can be cut with a hacksaw blade allowing precise shapes to be made
- Good thermal shock resistance allows use in applications where large variations in temperature occur
- Low heat storage capacity
- Can be used in direct contact with flame
- Very low thermal conductivity

Available Size

1000 x 610 x 6mm (available per sheet or in packs of 40 sheets)

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