

1430 THERMODUL

1430 THERMODUL is made of 1430 ceramic fiber blanket folded to form a module with folded edges exposed without anchor.

Characteristics

- To be secured with concealed anchor
- Can withstand up to 1430°C(2600°F)
- Greater mechanical strength
- Asbestos free.

Application

- Insulation layer in high temperature furnace
- Direct exposure to heat as furnace hot face lining

Classification temperature 1430°C (2600°F)
Gas flow velocity resistance 25m/sec

		Standard data	Data
Bulk Density	kg / m ³		160+/-10 170+/-10 190+/-10 210+/-10
Linear Shrinkage	%	≤ 2	1
	1200°C x 24 hrs		
L.O.I.	%	≤ 3	1
Thermal conductivity	ASTM C201		
Kcal/mh ⁰ C			
(W/mK)			
160kg/m ³	mean 600°C	≤ 0.14 (0.16)	0.12 (0.14)
	mean 800°C	≤ 0.22 (0.25)	0.17 (0.20)
	mean 1000°C	≤ 0.32 (0.37)	0.24 (0.28)
Chemical composition %	Al ₂ O ₃	≥ 35	35.1
	SiO ₂	≥ 55	49.7
	ZrO ₂	≥ 13	15.0
Length	300 mm	+ 0 mm	- 5 mm
Width	300 mm	+ 2 mm	- 5 mm
Thickness	250 mm	+ 5 mm	- 5 mm

Available Size 305 x 305mm, thickness 150mm 200mm 250mm 305mm

Data are average results of standard tests which are subject to variation and should not be used as specification.