KERAMAB® CERAMIC FIBRE CLOTH - 1260°C

Refractory fibre products

Keramab® Ceramic Fibre Cloth is produced by weaving a number of plied yarns. The width and thickness are determined by the number and thickness of the yarns used.

Keramab® cloth is a soft resilient product, available in a number of different thicknesses and constructions to provide a comprehensive HT range.

Keramab® cloth is reinforced with glass (650°C) or stainless steel (1050°C) and contains approximately 20% organic carrier fibre to facilitate the carding process. The carrier fibre burns out at a low temperature, but this has no effect on the properties of the ceramic fibre.

Chemical Properties

Keramab® cloth exhibits excellent chemical stability resisting attack from most corrosive agents. Exceptions are hydrofluoric acids and phosphoric acids and concentrated alkalies. It also resists oxidation and reduction. If wet by water or steam, thermal and physical properties are completely restored upon drying. No water of hydration is present.

Availability

Keramab® cloth is available in the following thicknesses: 2 and 3 mm, width 1000 mm. Other sizes are available on request. It can be delivered with an aluminium foil coating.

Applications

- Fire-resistant curtains
- Protective clothing
- Controlled cooling of castings
- Insulation of gas and steam turbines
- Welding curtains
- Insulation linings
- Wrapping of exhausts
- Radiant heat shields

Typical Physical Properties

Average density	500 kg/m^3	
Colour	White	
Basic Composition	Alumina-Silica	
Continuous Use Limit	Reinforced with glass	: 650°C
Reinforced with stainless steel		: 1050°C
Melting Point	1790°	

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TECHNICAL DATASHEET

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