

# ECOMAB® SPECIALTY GLASS FIBRE CLOTH – 1200°C

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.

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

**Ecomab® cloth** is reinforced with glass (650°C) or metal wire (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 specialty glass fibre.

## Chemical Properties

**Ecomab® cloth** exhibits excellent chemical stability resisting attack from most corrosive agents. Exceptions are hydrofluoric acids and phosphoric acids and concentrated alkalies. No water of hydration is present.

## Availability

**Ecomab® cloth** is available in the following thicknesses : 2 and 3 mm, width 1000 mm. Other sizes available on request.

## 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 <sup>3</sup>
Colour	Greenish
Basic Composition	Silica - Calcium
Continuous Use Limit	Reinforced with glass : 650°C Reinforced with metal wire : 1050°C
Melting Point	> 1330°C