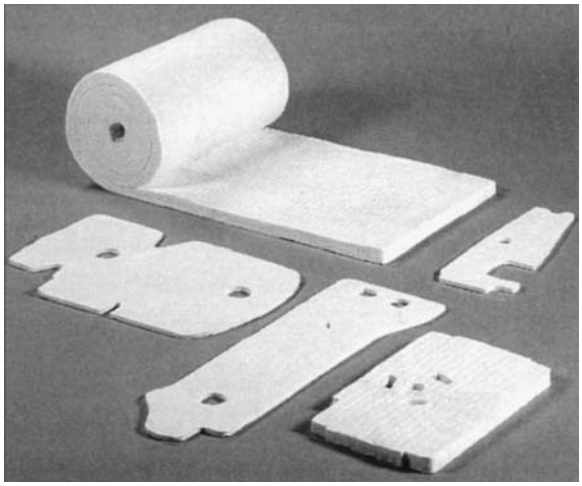

DESCRIPTION

Superwool™ 607™ *MAX* Blanket is made of Superwool 607* *MAX* long fibres and available in a wide range of thicknesses and densities. It exhibits outstanding insulating properties at elevated temperatures. Superwool 607 *MAX* Blanket has an excellent thermal stability and retains its original soft fibrous structure up to classification temperature.

It is needled from both sides and possesses high strength, before and after heating. Superwool 607 *MAX* Blanket contains neither binder nor lubricant and does not emit any fume or smell during the first firing.

It is flexible, easy to cut and shape and easy to install.

It is ideally suited to industrial applications at temperatures up to 1200°C.

TYPE

Blanket made from high temperature insulation wool.

MAXIMUM CONTINUOUS USE TEMPERATURE

1200°C

The maximum continuous use temperature depends on the application. In case of doubt, refer to your local Thermal Ceramics distributor for advice.

BENEFITS

- Excellent thermal insulating performances
- Free of binder or lubricant
- Thermal stability
- Low heat storage
- Good resistance to tearing
- Flexible and resilient
- Immune to thermal shock
- Good sound absorption
- Exonerated from any carcinogenic classification under nota Q of directive 97/69 EC
- Exonerated from any use restriction under annexe V number 7.1 of the german hazardous substances regulation

*Superwool 607 *MAX* is a high temperature insulation wool which has been developed to have a low biopersistence (information on request).

THE QUEEN'S AWARDS FOR ENTERPRISE 2003

Superwool™ 607™ *MAX* Blanket

Product Information

MAIN PROPERTIES

Maximum continuous use temperature	°C	1200
Properties Measured at Ambient Conditions (23°C/50% RH)		
• Colour		white
• Density	kg/m^3	50 up to 160
• Tensile strength (ENV 1094-7)		
64kg/m^3	kPa	35
96kg/m^3	kPa	70
128kg/m^3	kPa	95
160kg/m^3	kPa	110

High Temperature Performance

- Permanent linear shrinkage (ENV 1094-7) after 24 hours isothermal heating at 1200°C: % < 2.0
- Thermal conductivity (ENV 1094-7) at mean temperature of:

		64kg/m^3	96kg/m^3	128kg/m^3	160kg/m^3
200°C	W/m.K	0.10	0.09	0.08	0.07
400°C	W/m.K	0.14	0.13	0.12	0.11
600°C	W/m.K	0.24	0.19	0.16	0.14
800°C	W/m.K	0.37	0.28	0.24	0.21
1000°C	W/m.K	0.53	0.39	0.34	0.28

- Specific heat capacity at 1090°C: kJ/kg.K 1.13

Chemical Composition

SiO_2	%	60-70
Al_2O_3	%	< 0.3
CaO + MgO	%	25-40

Availability and Packaging

Superwool 607 *MAX* Blankets are packed in cartons, 1260 x 940mm pallet + stretchable film.

Thick. mm	Density kg/m^3					Length mm	Width mm	m^2/ carton
	50	64	96	128	160			
6			X	X	❍	5500 x 4	610	13.42
10			X	X	❍	18500	610	11.28
13			X	X	X	14640	610	8.93
19		❍	X	X	X	9760	610	5.95
25	❍	X	X	X	X	7320	610	4.46
38	❍	X	X	X	❍	4880	610	2.98
50	❍	❍	X	X	❍	3660	610	2.23
63			❍	❍		2300 x 3	610	4.21

Marks (❍) and width 1 220 mm upon request (subject to minimum order requirements).

Your local contact:

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