



## Superwool



Needlemat up to 1200 °C

- Free of binder or lubricant
- Thermal stability
- Excellent thermal insulating properties
- Good sound absorption
- Free from carcinogenic contents



## Superwool

Superwool is needed at both sides and possesses high strength, before and after heating. Superwool 607 (HT) 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.

Superwool 607 (HT) is ideally suited to industrial applications at temperatures up to 1200°C. The maximum continuous use temperature depends on the application.

### Specifications

#### High temperature performance:

Maximum continuous use temperature 607                    1000 °C  
Maximum continuous use temperature 607 HT                1200 °C

#### Properties measured at ambient conditions (23 °C and 50% RH):

Colour                    White  
Density                 64 up to 160 Kg/m<sup>3</sup>

#### Tensile strength (ENV 1094-7):

Density	Tensile strength
64 kg/ m <sup>3</sup>	35 kPa
96 kg/ m <sup>3</sup>	70 kPa
128 kg/ m <sup>3</sup>	95 kPa
160 kg/ m <sup>3</sup>	110 kPa

#### Thermal conductivity (ASTM 201):

	Blanket 607 HT (8 pcf)	Blanket 607 HT (6pcf)
<b>Mean temperature</b>		
500°F (260°C)	0.42 (0.06)	0.46 (0.07)
1000°F (538°C)	0.88 (0.13)	1.02 (0.15)
1500°F (816°C)	1.53 (0.22)	1.78 (0.26)
1800°F (982°C)	1.95 (0.28)	2.28 (0.33)

#### Chemical composition:

SiO<sub>2</sub>                    60-70%  
AL<sub>2</sub>O<sub>3</sub>                 < 0,3%  
CaO + MgO         25-40%

Superwool is exonerated from any carcinogenic classification under note q of directive 97/69 EC.

#### Availability and packaging:

Superwool 607 (HT) Blankets are packed in cartons, and dispatched on a 1260 x 940mm pallet sealed with stretchable film.

Thickness mm	Density Kg/ m <sup>3</sup>	Roll length mm	Roll width mm	Surface
25	96	7320	610	4,46 m <sup>2</sup>
25	128	7320	610	4,46 m <sup>2</sup>

Thickness 6, 10, 13, 19, 38, 50 mm and Aluminium foil finish on request.