



Thermat



Glass Fibre Needle mat

- For temperatures up to 600°C
- Non-combustible
- Thermal- and Acoustic insulating
- Removable insulation pads
- Mechanically 'needled' – no binders



Thermat- ECO

Thermat - ECO is a glassfibre (100% E-glass) insulating blanket made from continuous filament fibres of 9 microns (non-hazardous). Thermal blankets are mechanically bound by way of a needle-felt technology, without of the use of binders.

Applications

Removable insulation pads, ship turbines, power generating equipment, industrial furnaces and ovens, sound absorption baffles, fire protection, replacement of asbestos and ceramic fibres etc.

Characteristics (test method DIN 1259)

Total weight	g / m ²	600, 2000 and 3300	± 10%
Width (std)	mm	1000	± 1
Thickness	mm	6 / 12 / 25	± 1 / 2 / 2
Roll length (std)	M	25 / 10 / 10	
Max. application temp.	°C	600	
Thermal Conductivity	At 100°C = 0.040 W/m °C At 200°C = 0.055 W/m °C At 300°C = 0.072 W/m °C At 400°C = 0.094 W/m °C At 500°C = 0.112 W/m °C		

Remarks: Non-combustible DIN 4102