

Product Description

Ravaber Ceramic Fiber Blanket is a product which produced by the melting the silica and alumina at high temperature and after formed fibers the product obtained by giving the form of a blanket at various thicknesses and densities with the pressure.

Product Sizes

25 x 610 x 7200mm, 50 x 610 x 3600mm,
4600 x 610 x 38mm, 9200 x 610 x 19mm,
14400 x 610 x 13mm

Product Features

- High tensile strength and high elasticity
- Low thermal conductivity value
- High thermal resistance value
- Good sound absorption property
- Low temperature storage
- Minimal shrinkage at high temperature
- Not affected by thermal shock

Typical Applications

- Industrial furnace insulation
- Ceramics - Glass industry
- Iron and steel industry
- Casting industry
- Cement industry
- Steel door - Fire door



TECHNICAL SPECIFICATIONS

Na ₂ O (Sodium Oxide)	%0,8 - 1,5
MgO (Magnesium Oxide)	%0,5 - 0,8
Al ₂ O ₃ (Aluminium Oxide)	%41 - 42
Si ₂ O ₃ (Silica Oxide)	%51 - 53
ZrO ₂ (Zirconium Oxide)	%0,1 - 0,5
CaO (Calcium Oxide)	%0,5 - 1,0
Density	96 128
Classification Temperature	1260°C
Fiber Diameter (Micron)	3,5 - 4,5
Shot Content (%)	≤1
Usage Temperature	1100°C
Thermal Conductivity (W/m.k)	
400°C	0.1
600°C	0.16
800°C	0.24
Tensile Strength (MPa)	0.04