

Rosewool® Glass wool fireproof blanket

Application

This material can be used in the construction of any tailoring, mainly for the indoor construction, muffler systems, vehicles, refrigeration equipment, household appliances for shock absorption, sound absorption, noise reduction, the effect is very satisfactory.

- Soundproof and fireproof used for wall and roof
- Heat preservation for steel structure building
- Heat Insulation for wall and roof to save energy.
- For indoor partition wall, and train compartment.

Production process

Glasswool blanket is made from natural sand to which recycled glass (cullet) and fluxing agents are added. The material is melted to 1100° C in an electric furnace, and then forced through precision drilled holes in high speed spinning disks, to form fibres. Binding products and other additives required to give specific characteristics to different products are then added as fibres fall onto moving collection belts. The glasswool mat is then polymerised, heated and passed through compression rollers where it is cured to provide a product of the required thickness and density.

Feature

- Excellent thermal insulation insulation.
- Excellent sound absorption and sound insulation capability.
- Green thermal insulation materials and no harm for body.
- the production can be arbitrary cutting and convenient for construction.


Standard Specification

Product name	glass wool blanket
Density(Kg/m ³)(1Lbs/ft ³ =16kg/m ³)	12-48
Thickness(mm)	25-150
Width (mm)	1200
Size(mm)	10000*1200*50mm/20000*1200*25mm

Other size and density may be available on request

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Technical data

Glass wool blanket		Spec	data
		Temperature(°C)	-120°C -400°C
		Length(m)	5-30
		Width(m)	0.4-1.2
		Thickness(mm)	25-150
		Density(kg/m ³)	12-48
item	index	Measured value	standard
Bulk density(kg/m ³)	12-48	12-48	GB/T13350-2000
Average diameter of fibers(μm)	<8.0	4.0-6.0	GB/T13350-2000
Moisture resistivity(%)	>98	>98	JISA9512-2000
Thermal conductivity (W/m.k)	0.036	0.036	GB/T13350-2000
Incombustibility	incombustible	Glass A	GB/T13350-2000
Sound absorption coefficient		1.03product reverberation pasitioning (24 kg/m ³)2000HZ	GB/J47-83
Max work tem(°C)	400	410	GB/T 13350-2000

Packages

The finished products are then packaged under high compression to reduce the volume and cost of storage and transportation.

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