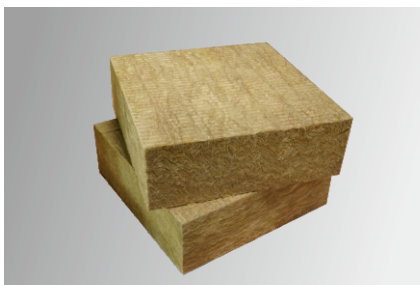


Group Introduction

Shenzhou Group is an energy-saving and environmentally friendly enterprise integrating R&D, manufacturing and service of thermal insulation, sound absorption and noise reduction materials. With 40 years' development history, the group has become a leading manufacturer in the heat insulation and energy saving industry. It covers an area of 1.06 million square meters, including a manufacturing area of 680,000 square meters.

The Group has 6 subsidiaries, 12 plants. It produces seven main series of products including rubber foam, fiberglass, ceramic wool, sound absorption and noise reduction materials, rock wool, XPS and aerogel. Its products are widely used in construction, central air conditioning, refrigerator refrigeration, petrochemical, Marine locomotive, aerospace, thermal power, sound-absorbing noise reduction, and other industries. Equipped with internationally advanced production equipment and technology, the Group's annual production volume of rubber foam is 2.6 million m3, fiberglass 230,000 tons, rock wool 120,000 tons, and ceramic wool 28,000 tons.

Rock Wool Board



Rock Wool Blanket



Rock Wool Tube



Rock Wool Insulation Materials Technical Data Sheet

Test items		Units	Performance Indicators	Compliance Standards
Combustion performance A (A1) Grade	Heat of combustion	MJ/kg	≤2.0	GB/T 14402-2017
	Mass loss rate	%	≤50	GB/T 5464-2010
	Temperature rise in furnace	°C	≤30	
	Sustained burning time	s	0	
Tensile strength perpendicular to the surface		KPa	≥7.5	GB/T 30814-2014
Compression strength		KPa	≥40	GB/T 13480-2014
Acidity coefficient			≥1.8	GB/T 5480-2017

Product Specifications

Specification	Rock wool board	Rock wool blanket	Rock wool Pipe
Density	50-300k	50-120k	80-140k
Sizes	1200 * 600mm	3000*600mm	-
Thickness	30-250mm	50-100mm	25-150mm



Name: Corrine Tel: + 86 18503165626

Name: Jason Tel: +86 18730650899

Export Email:

qiu@shenzhoujt.cn

jason@shenzhoujt.cn

Rock Wool

Shenzhou Rock wool thermal insulation material use high-quality natural basalt ore, dolomite as raw materials. The manufacturing process includes high-temperature melting, high-speed centrifugal spinning into fibers, binder spraying with a good ratio, adding hydrophobic agent, curing, and molding.

Shenzhou rockwool thermal insulation material is a suitable product for use where requires thermal insulation and sound absorption. It can be used in interior walls, ceilings, between floors, large process pipe work, tanks, silos, vessels, boilers, ducts and other commercial and industrial equipment.



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