

INSULATION MATERIALS

FIRE AND SOUND PROOFING INSULATION



THERMAL
INSULATION



FIRE
PROTECTION



NOISE
REDUCTION



ENVIRONMENTAL
PROTECTION



MINERAL WOOL BLANKET

Mineral wool blanket is kind of soft and roll product, which is mainly used for heat preservation of steel roofing, large-caliber pipeline, storage tank, large scale equipment, irregular thing, valve and pipe joint, especially applicable for heat insulation of high-temperature equipment.

SPECIFICATION

DENSITY	THICKNESS	WIDTH	LENGTH
60kg/m ³	50mm	0.6m	5m
80kg/m ³	50mm	0.6m	5m
100kg/m ³	50mm	0.6m	5m
120kg/m ³	50mm	0.6m	5m

*Not listed densities and sizes are available upon request

Available Facing: Aluminum Foil, Wiremesh



MINERAL WOOL BLANKET

MINERAL WOOL BOARD

Mineral wool board is mainly used for fire proofing and sound absorption of partition walls and curtain walls, thermal insulation of roofs, retaining structures and geothermal systems as well as thermal insulation and fireproofing of industrial kilns, ovens, large sized tanks and vessels, etc.

SPECIFICATION

DENSITY	THICKNESS	WIDTH	LENGTH
50kg/m ³	50mm	0.6m	1.2m
60kg/m ³	50mm	0.6m	1.2m
80kg/m ³	50mm	0.6m	1.2m

*Not listed densities and sizes are available upon request.

Available Facing: Aluminum Foil, Wiremesh, Blackmatt



MINERAL WOOL BOARD

MINERAL WOOL PIPE

Mineral wool pipe section is made through some mould and cured by high temperature. It is widely applied to insulation of various industrial boilers and equipment pipelines, such as petroleum, chemical industry, metallurgy, ship building, textile, etc. Water-proof mineral rock wool pipe section has special function of moisture-proof, temperature reduction etc.

SPECIFICATION

DENSITY	INNER DIAMETER	THICKNESS	LENGTH
120kg/m ³	22mm-820mm	25mm-200mm	200mm-1000mm

*Not densities and sizes are available upon request

Available Facing: Aluminum Foil



MINERAL WOOL PIPE

APPLICATIONS



MINERAL WOOL BOARD WITH ALUMINUM FOIL



MINERAL WOOL BLANKET OPEN PACKAGING



MINERAL WOOL PIPES



MINERAL WOOL BOARD INSTALLED ON WALL



MINERAL WOOL BLANKET INSTALLED ON PARTITION



MINERAL WOOL PIPES INSTALLED ON PIPELINES

TECHNICAL DATA

Technical Property	Unit	Technical Index	Remarks
Facing	Aluminum foil / Black Matt / Wiremesh		-
Thermal Conductivity	W/(m k)	0.035	ASTM C518
Max Service Temp.	°C	≤ 650	ASTM C411
Dregs content (particle≥0.25mm)	%	≤12.0	ASTM C612
Incombustibility	-	Non-flammable A	EN ISO 13501-1
Average Fiber Diameter	µm	4-7	-
Density Tolerance	%	±10	ASTM C612
Thermal Load Contact Tem (product density ≥ 60kg/m ³)	°C	600	EN ISO 13501-1
Acid coefficient	-	≥1.8	-
Water Absorption	Kg/m ²	≥0.5	ASTM C1104
Water Repellence	%	≥98	ASTM E96
Melting Point	°C	≥1000	-
Environment	-	Asbestos Free	-



CERAMIC FIBER BLANKET

CERAMIC FIBER BLANKET

Ceramic fiber is known as refractory material which has high temperature resistance, good thermal stability, low thermal conductivity, low heat, mechanical shock resistance and other advantages, so it is widely used in machinery, metallurgy, chemicals, oils, ceramics, glass, electronics and other industries are widely used.

It is also a very useful material for containing or controlling high temperatures.

TECHNICAL PROPERTIES

Classification Temperature °C	1260
Density kg/m ³	128
Permanent linear shrinkage (%)	1000°C x24≤4
Thermal conductivity (w/m.k)(average 500°C)	≤0.153
Shot Content(ø≥0.212mm) (%)	≤15
Tensile strength (Mpa) (thickness 25mm)	≥0.04

SPECIFICATIONS

Density	128kg/m ³
Thickness	50mm 25mm
Width	0.6m
Length	3.6m 7.2m

*Other densities and sizes are available upon request not listed



CERAMIC FIBER INSTALLED ON KILN



CERAMIC FIBER INSTALLED ON INDUSTRIAL PIPES



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