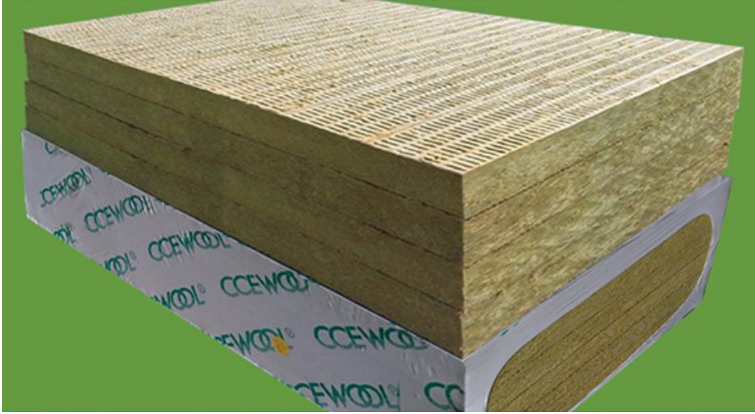


CCEWOOL® Stone Wool Board



CCEWOOL® stone wool board used basalt and other natural crystal as main material, through high temperature melt into fibers and then adding binders, then curing and made.

CCEWOOL stone wool boards feature a certain of strength, excellent thermal

stability and chemical stability, outstanding sound absorption, heat preservation and other properties. Its fireproofing performance conforms to A1 grade. Water repellent type and low chlorine type of products can be manufactured according to the requirement of customers. Aluminum foil, fiberglass cloth, and other veneer materials can also be overlaid to the surface of products.

Characteristics:

Excellent heat insulation and sound proof property

Excellent moisture resistance;

High compressive and tensile strength, low water absorption and moisture absorption;

Won't occur thermal expansion or contraction, aging resistance

Excellent fire protection, thermal insulation and acoustic absorption properties

Thermal insulation, fire and extreme weather protection to building

Applications:

Construction industry: building wall insulation, thermal insulation and noise absorption for walls, roof and building envelop

Petrochemical industry: thermal insulation and noise absorption for electricity and chemical industry equipment

Mining industry: thermal insulation and fire proof for industrial furnace, oven, large caliber tank and vessels

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CCEWOOL® Stone Wool Board							
Performance	Unit	Density (kg/m ³)					Test Standards
Thermal conductivity (average 25°C)	W/ (m.k)	60	80	100	120	180	GB/T10295
		≤0.040	≤0.038	≤0.038	≤0.038	≤0.038	
Combustion performance	--	Class A1 non-combustion					GB8624
Hydrophobicity	%	≥99	≥99	≥99	≥99	≥99	GB/T10299
Maximum operating temperature	°C	550	650	750	750	750	GB/T17430
Recommended operating temperature	°C	450	550	650	650	650	GB50264
Heat load shrinkage temperature	°C	500	650	650	650	650	GB/T11835
Linear shrinkage	%	≤2	≤2	≤2	≤2	≤2	ASTM C356
Corrosiveness	--	No corrosion					ASTM C665

