

CCEWOOL® rock wool board

Description:

CCEWOOL® rock 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.

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

Technical data:

Property	Index
Density	60-200kg/m ³
Shot Content (particle size diameter ≥ 0.25mm)(%)	≤ 12.0
Fiber Mean Value (μm)	≤ 7.0
Allowable Density Deviation (%)	15
Heat Conductive Coefficient(Average Temp 70 °C ± 52 °C), W/(m.k)	≤ 0.044
Temp for Shrinkage under Hot Load (density > 60kg/m ³) (°C)	≥ 600
Water Content (%)	≤ 0.5
Combustibility	Grade A, unflammable
Water Absorption (%)	≤ 5

Products property are qualified with ASTM C 795, JIS A 9504. EN13162

Size:

Product Name	Length (mm)	Thickness mm	Density (kg/m ³)																	
			60	70	80	90	100	110	120	125	130	140	150	155	160	170	180	185	190	200
Rockwool Board	1200*600	30									√	√	√	√	√	√				
	1000*630	40				√	√	√	√	√	√	√	√	√	√	√				
	1000*600	50		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		60		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		70		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		80		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
		100		√	√	√	√	√	√	√	√	√	√	√	√					

Note: waterproof type can be made, for density bigger than 90kg/m³