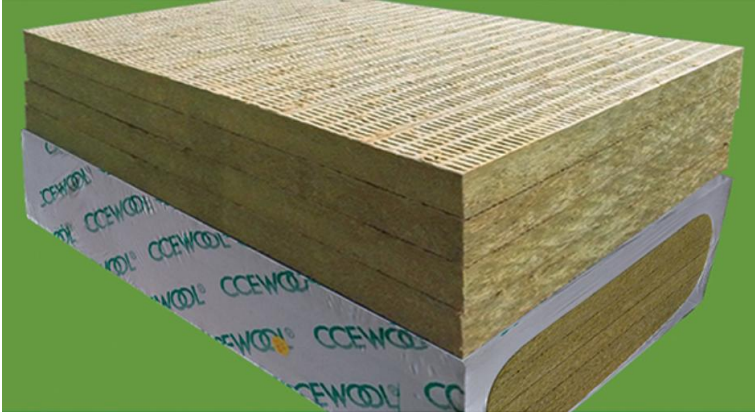


## CCEWOOL® Rock Wool Board



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.

CCEWOOL rock 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

**TDS**

CCEWOOL® Rock Wool Board							
Properties		Unit	Density				
			80	100	120	140	150
Combustion performance		--	Class A1 non-combustion				
Compression Strength(10%deformation)		kPa	≥40				
Hydrophobic rate		%	≥98.0				
Melt temperature		°C	>1000				
Acidity ratio		--	≥1.8				
Moisture absorption rate		%	≤1.0				
Thermal conductivity(average 25°C)		W(m.k)	≤0.048			≤0.040	
Dimensional stability		%	≤1.0				
Water absorption(Partial Immersion)		Kg/m <sup>2</sup>	Short term(24h)≤1.0				
			Long term(28d)≤3.0				
Thickness tolerance		mm	±2			±3	
Right angel degree of deviation		mm/m	≤5				
Planeness tolerance		mm	≤6				
properties after ignition-burning	Shrinkage percentage	%	(750°C,0.5h)≤8				
	Mass loss rate	%	(750°C,0.5h)≤10				

