

## **CCEWOOL® rock wool blanket**

### **Description:**

CCEWOOL® rock wool blanket adopts high-quality natural rock (such as basalt) as the main raw material, using cupola furnace within a high temperature up to 1450 °C to melt, through advanced centrifuge system of four-roller cotton process, and spraying a small amount of adhesives to curing and heating, finally made into blanket.

### **Characteristics:**

Thermal insulation  
Absorb noise  
Healthy and eco-friendly  
Moisture resistance  
Energy saving

### **Application:**

Applied into building wall and roof with good insulation and sound absorption property  
Widely used as thermal insulation material in boiler, vessel, valve and large-diameter pipe.

### Technical data:

Item	Unit	Index
Density	Kg/m3	60-150
Density tolerance	%	±2
Fiber mean value	um	4-7
Shot content	%	≦ 4
Volume of water absorption	%	≦ 2
Temp for shrinkage under hot load	°C	≧ 650
Organics content	%	≦ 4
Compressive strength ( 10% compression rate)	Kpa	≧ 80
Peel strength	Kpa	≧ 14
Nonflammable	—	Grade A
Thermal conductivity (70°C)	W/mk	≦ 0.041
Acidity coefficient		≧ 1.8
Binder content	%	≦ 3.0
Thickness	mm	40-100

### Size:

Density	60-150kg/m3
Thickness	40-100mm