

## **CCEWOOL® Stone Wool Blanket** **with Wire Mesh**

### **Description:**

CCEWOOL heat-resistance Stone Wool blanket with Wire Mesh is manufactured in rolls, which is made from stone wool felt and galvanized iron wire mesh or stainless-steel wire mesh sewn together with galvanized iron wire or stainless-steel wire. It features good elasticity, thermal preservation, and easy construction. 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.

CCEWOOL heat-resistance Stone Wool blanket with Wire Mesh is ideal for thermal insulation, fire prevention and sound absorption and noise reduction in large pipe networks, large storage tanks and containers, furnaces, and air ducts. It is especially suitable for places with high temperature and vibration or where a high fireproof standard is required.

### **Characteristics:**

Thermal insulation

Absorb noise

Healthy and eco-friendly

Moisture resistance

Energy saving

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## 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 and Size:

CCEWOOL® Stone Wool Blanket with Wire Mesh					
Performance	Unit	Density (kg/m <sup>3</sup> )			Test Standards
Thermal conductivity (average 25°C)	W/ (m.k)	60	80	100	GB/T10295
		≤0.040	≤0.038	≤0.038	
Combustion performance	--	Class A1 non-combustion			GB8624
Hydrophobicity	%	≥99	≥99	≥99	GB/T10299
Maximum operating temperature	°C	550	750	750	GB/T17430
Recommended operating temperature	°C	450	650	650	GB50264
Heat load shrinkage temperature	°C	400	400	400	GB/T11835
Linear shrinkage	%	≤2	≤2	≤2	ASTM C356
Corrosiveness	--	No corrosion			ASTM C665

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