

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



CCEWOOL® Stone Wool Blanket with Wire Mesh is manufactured in rolls, which is made from stone wool felt and galvanized iron wire mesh sewn together with galvanized iron 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® 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

### **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

## TDS

| <b>CCEWOOL® Stone Wool Blanket with Wire Mesh</b> |             |                                   |        |        |                       |
|---|-------------|-----------------------------------|--------|--------|-----------------------|
| <b>Performance</b>                                | <b>Unit</b> | <b>Density (kg/m<sup>3</sup>)</b> |        |        | <b>Test Standards</b> |
| Thermal conductivity<br>(average 25°C)            | W/ (m.k)    | 60                                | 80     | 100    |                       |
|   |             | ≤0.040                            | ≤0.038 | ≤0.038 | GB/T10295             |
| 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             |

