

## **CCEWOOL External insulation rock wool board**

### **Description:**

CCEWOOL External insulation rock wool board are non-combustible with a melting point of approximately 1000 ° C. They are specially formulated to provide fire protection, thermal insulation and sound absorption.

CCEWOOL Rock wool are designed to use in External Thermal Insulation Composite System on solid substrates such as concrete wall or brick wall of new buildings or retrofit of existing buildings. They have a combined property of high compression and tensile strength, low and consistent thermal conductivity, good water repellency and low water absorption.

### **Characteristics:**

Non-combustible and meets the highest fire classification rating.

Does not produce burning droplets, promote flashover or release toxic gases during a fire.

Compression and tensile strength meets the national standard.

Excellent permeability and thermal properties assist the reduction of condensation built-up in the system.

Water repellent and moisture resistant and is mostly made up of inorganic fibres.

Dimensionally stable and does not shrink, warp or deform over time. excellent sound absorbing properties.

Easy to cut and handle.

Neutral or slightly alkaline and does not cause corrosion on fiber glass mesh and metal fixing.

Fibres are non-toxic and fully safe for use.

**Technical data:**

<b>CCEWOOL External insulation rock wool board</b>	
Density (kg/m <sup>3</sup> )	≥140±10
Heat Conductive Coefficient (w/m*k)	0.038
Shot content (%)	6.3
Fiber Mean Value (μm)	5.0
Acidity coefficient	1.8
Nonflammable	Grade A1
Melting point (°C)	≥1000
Water repellent (%)	99.5
Dimensional stability (%)	0.0
Compressive strength (kPa)	≥60
Rupture Strength (kPa)	≥10

**Specifications:**

length	1200mm	+10/-3
width	600mm	+5/-3mm
thickness	30mm-150mm	±3mm
density	140kg/m <sup>3</sup> -180kg/m <sup>3</sup>	±10kg/m <sup>3</sup>