

CCEWOOL Curtain wall insulation rock wool board

Description:

CCEWOOL Curtain wall rock wool board for curtain wall systems is specially developed to meet the fire protection requirement of curtain wall buildings. Its unique formulated contents in the product make the product slightly dark in color, ensure the stability of the fibers structures and provide a rigid surface when exposed directly to heat during a fire. The product has absolutely remarkable resistance to shrinkage at temperature encountered in fire conditions. It is used to seal the openings or gaps between the concrete floor slab and the curtain wall together with other well recognized fire-stopping products as a system. In an event of fire, this system will prevent fire spread from one floor to another through the openings or gaps between the floor slab and curtain wall. The fire rating of the protected compartment can then be maintained.

Characteristics:

Contributes to excellent fire performance for curtain wall system and provides up to 2 hours fire rating.

Non-combustible.

CE & UL certified.

Flexible, tested and used in conjunction with other major fire-stopping products as a perimeter fire sealing system.

Available in various sizes and can be laminated with aluminium foil.

Can be installed at site or prefabricated in the factory.

Ease of installation with various installation options.

Can be used for floor slab without upstand beam construction.

Technical data:

CCEWOOL Curtain wall insulation rock wool board	
Density (kg/m ³)	≥80±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	80kg/m ³ -140kg/m ³	±10kg/m ³