

CCEWOOL® Refractory mortar

Description:

CCEWOOL® Refractory mortar is a high temperature, air-setting mortar used as an adhesive to securely bind refractory material, which can be used into binding refractory brick, insulating brick and ceramic fibers. There are two types: dry powder mortar, which is mix the powder and additive and pack them with plastic woven bags. After soaked and stirred evenly, it can be put into use; other type is liquid status, which can be directly used without other process.

Characteristics:

High temperature resistance, strong adhesion and good storage stability, viscosity can be adjusted according to construction requirements to facilitate construction.

Application:

High temperature mortar is specially used in furnace lining. It is usually used in the following way.

Bond between fiber products, paste bricks (or refractory concrete wall) with the surface of the furnace shell plate.

Paste insulating bricks

Various binders' using process:

A: surface (wall bricks or refractory concrete wall) must be treated to remove surface oil, fouling, iron oxide or slag precision instrument and wetting the surface with diluted adhesive.

B: Daub a layer of adhesive at the surface of fiber products

C: to smear the fiber products or insulation bricks pasted on the wall.

D: pack down hard with plate pat

Technical data:

Item	Index
Al ₂ O ₃ %	≥42
Fe ₂ O ₃ %	≤2.0
Max temperature	1300℃
Bonding time	1-3min
Bonding strength	110℃*24h ≥5MPa 1100℃ after-burning ≥7MPa
Modulus of Rupture	≥6MPa