

CCEWOOL® DCHA Series Fireclay Brick

Description:

Fireclay brick is the refractory products produced with clay clinker as aggregate and refractory clay as the bonding agent, with Al₂O₃ content between 30 ~ 48%. Fireclay brick is the oldest; the most widely used refractory material.

Characteristics:

High density
Good thermal shock resistance
Excellent volume stability at high temperatures

Application:

Widely used in metallurgy, building materials, chemicals, petroleum, machinery manufacturing, silicate, power and other industrial fields.
Clay refractories material is abundance in raw material, simple in processing and in low price. Therefore, they are more widely used than any other refractory materials. They are used in blast furnaces, hot blast stoves, iron furnaces, ladle and ladle systems and soaking ovens and heating furnaces, Non-ferrous metal smelting furnace, silicate industry and chemical industry kiln and all thermal equipment chimney and flue.

Technical data and Size:

CCEWOOL® DCHA Series Fireclay Brick		
Item	DEHA30	DEHA40
Bulk Density(g/cm ³)	2.05	2.2
Linear Change (%)	1350 °C	1350 °C
(2h)	-0.5	-0.5
Porosity (%) ≤	26	26
Cold Crushing Strength, MPa	15	20
Thermal Shock Resistance	≥ 25	≥ 30
Water Cold(Cycle)		
Al ₂ O ₃ (%) ≥	33	50
Fe ₂ O ₃	<3	<2.5
Common size	230x114x65/75mm	