

SILKON 150

CASTABLE REFRACTORY



Characteristic

SILKON150 is refractory castable based on calcium silicate inert to liquid aluminium and its alloys. It is a insulating material offering high resistance to erosion and mechanical damage. SILKON150 shapes are pre-fired supplied ready for installation.

Application

- Transfer Launderers
- Casting launders
- Runners
- Spouts
- Dams

Composition

- AL₂O₃ - 40%
- SiO₂ - 33%
- CaO - 23%

Physical Properties

- Bulk density 1500kg/m³
- Cold crushing strength 11Mpa
- Thermal conductivity at 800°C 0,46 W/mK

Advantages

- ✓ Dimensionally stable
- ✓ Thermal shock resistant
- ✓ Non-wetting

Advantages

- ✓ Insulating
- ✓ Durable