

# SILKON270\_5

## CASTABLE REFRACTORY



## Characteristic

SILKON270\_5 is refractory castable based on SiC and calcium silicate inert to liquid aluminium and its alloys. It is a high strength material offering high resistance to erosion and mechanical damage. SILKON270\_5 shapes are pre-fired supplied ready for installation.

## Application

- Furnace Treshold
- Funnels
- Degassing launders
- Impact Cores

## Composition

- AL<sub>2</sub>O<sub>3</sub> - 35%
- SiO<sub>2</sub> - 50%
- SiC - 12%
- CaO - 2%

## Physical Properties

- Bulk density 2400kg/m<sup>3</sup>
- Cold crushing strength 40Mpa
- Maximum service temperature 1300°C

## Advantages

- ✓ Thermal shock resistant
- ✓ Non-wetting

## Advantages

- ✓ Extremely durable
- ✓ Dimensionally stable

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