

Vibratables

Product Data

QUIKTURN 56SCPC

QUIKTURN 56SCPC is a Silicon Carbide based, ultra-low cement castable that can be installed using vibration casting, pump casting or Shotcreting. This product is recommended for new and full lining repairs using anchored construction. After the initial set, the furnace lining can be returned to operation without curing or the traditional controlled heating schedule. **QUIKTURN 56SCPC** has excellent strength, alkali and abrasion resistance combined with high Thermal Conductivity.

Maximum Service Temperature: 1590°C

Bulk Density:

Fired to 815°C 2435 - 2530 kg/m³

Cold Crushing Strength:

Fired to 815°C 552 - 758 kg/cm²

Modulus of Rupture:

Fired to 815°C 82 - 103 kg/cm²

Erosion Loss:

Fired to 815°C Less than 12 cc
(Typical loss 7-9 cc)

Permanent Linear Change(%):

Green to 815°C -0.1 to -0.3

Conductivity or "K" Factor:

Mean Temp.	BTU/ft ² /HR/°F/in	W/mK
1000°F (540°C)	39.0	5.6
1500°F (815°C)	39.0	5.6

Typical Chemical Analysis(%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	SIC
32.3	11.9	0.4	0.7	0.9	53.3

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