

# Vibratables

## Product Data

### QUIKTURN 55-5SC

**QUIKTURN 55-5SC** is a ultra-low cement Mullite/Andalusite based castable with a 5% Silicon Carbide addition. 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 55-5SC** has excellent strength, alkali and abrasion resistance. Cast data:

**Maximum Service Temperature:** 1650°C

**Bulk Density:**

Fired to 815°C 2450 - 2550 kg/m<sup>3</sup>

**Cold Crushing Strength:**

Fired to 815°C 550 - 840 kg/cm<sup>2</sup>  
 Fired to 1600°C 1050 - 1260 kg/cm<sup>2</sup>

**Modulus of Rupture:**

Fired to 815°C 140 - 170 kg/cm<sup>2</sup>

**Erosion Loss:**

Fired to 815°C Less than 8 cc

**Permanent Linear Change(%):**

Green to 815°C -0.1 to -0.3

**Conductivity or "K" Factor:**

Mean Temp.	BTU/ft <sup>2</sup> /HR/°F/in	W/mK
1000°F ( 540°C)	10.0	1.44
2000°F (1095°C)	10.0	1.44

**Typical Chemical Analysis(%):**

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	Alkalis	SiC
58.4	32.6	1.0	1.8	0.98	0.3	4.9

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