

# Vibratables

## Product Data

### QUIKTURN 60C

**QUIKTURN 60C** is a 59% alumina, mullite based, ultra-low cement castable designed for vibration casting. 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 60C** has excellent strength, alkali and abrasion resistance.

**Maximum Service Temperature:** 1700°C

**Bulk Density:**

Fired to 815°C 2400 – 2530 kg/m<sup>3</sup>

**Cold Crushing Strength:**

Fired to 815°C 550 - 850 kg/cm<sup>2</sup>

**Modulus of Rupture:**

Fired to 815°C 90 - 150 kg/cm<sup>2</sup>

**Erosion Loss:**

Fired to 815°C Less than 7 cc  
(Typical loss 4-5 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
1500°F ( 815°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	Alkalies
59.0	31.1	0.85	2.0	0.85	0.24

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