

# Vibratables

## Product Data

### QUIKTURN 55G

**QUIKTURN 55G** is a 55% alumina, Andalusite containing, ultra-low cement gun mix. 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 55G** has good strength, alkali and abrasion resistance. The following is gunned Data:

**Maximum Service Temperature:** 1650°C

**Bulk Density:**

Fired to 815°C 2250 – 2380 kg/m<sup>3</sup>

**Cold Crushing Strength:**

Fired to 815°C 500 - 750 kg/cm<sup>2</sup>  
 Fired to 1600°C 550 - 850 kg/cm<sup>2</sup>

**Modulus of Rupture:**

Fired to 815°C 100 - 210 kg/cm<sup>2</sup>

**Erosion Loss:**

Fired to 815°C Less than 14 cc  
 (Typical loss 9-11 cc)

**Permanent Linear Change(%):**

Green to 815°C +0.2 to -0.1

**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
54.0	36.1	0.8	0.9	0.9	0.3

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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