

# Quikgun Gun Grades

## Product Data

### QUIKGUN 45

**QUIKGUN 45** is a chamotte based, low cement castable that is designed for Gunning. This product can be used for repair and veneer coating of existing refractory. After the initial set, the furnace lining can be returned to operation without curing or the traditional controlled heating schedule. **QUIKGUN 45** has excellent strength, and abrasion resistance.

**Maximum Service Temperature:** 1250°C

**Bulk Density:**

Fired to 815°C 2240 - 2320 kg/m<sup>3</sup>

**Cold Crushing Strength:**

Fired to 815°C 500 - 700 kg/cm<sup>2</sup>

**Modulus of Rupture:**

Fired to 815°C 140 - 210 kg/cm<sup>2</sup>

**Erosion Loss:**

Fired to 815°C Less than 12 cc  
(Typical loss 8-10 cc)

**Permanent Linear Change(%):**

Green to 815°C -0.1 to -0.4

**Conductivity or "K" Factor:**

Mean Temp.	BTU/ft <sup>2</sup> /HR/°F/in	W/mK
1000°F ( 540°C)	9.0	1.26
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	P <sub>2</sub> O <sub>3</sub>
50.5	40.2	0.8	1.1	1.2	2.0	3.31

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