

Vibratables

Product Data

QUIKTURN 45G

QUIKTURN 45G is a 45% Alumina, chamotte based, low cement castable that is designed for Gunning. This product is recommended for new and full lining repairs using anchored construction. After initial set, the furnace lining can be returned to operation at rates far quicker than the traditional controlled heating schedule. **QUIKTURN 45G** has excellent strength, alkali and abrasion resistance.

Maximum Service Temperature: 1600°C

Bulk Density:

After 815°C 2240 - 2320 kg/m³

Cold Crushing Strength:

After 815°C 500 - 700 kg/cm²

Modulus of Rupture:

After 815°C 140 - 210 kg/cm²

Erosion Loss:

After 815°C Less than 15 cc

Permanent Linear Change(%):

Green to 110°C 0.0 to -0.1
110°C to 815°C 0.0 to -0.3

Conductivity or "K" Factor:

Mean Temp.	BTU/ft ² /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 ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Alkalies
44.8	49.9	1.1	1.1	1.2	0.6

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