

Vibratables

Product Data

QUIKTURN 50G

QUIKTURN 50G is a 50% alumina, mullite based, 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. The following is gunned data:

Maximum Service Temperature: 1650°C

Bulk Density:

Fired to 815°C 2240 - 2320 kg/m³

Cold Crushing Strength:

Fired to 815°C 500 - 700 kg/cm²

Modulus of Rupture:

Fired to 815°C 140 - 210 kg/cm²

Erosion Loss:

Fired to 815°C Less than 12 cc
(Typical loss 7-9 cc)

Permanent Linear Change(%):

Green to 815°C -0.1 to -0.3

Conductivity or "K" Factor:

Mean Temp.	BTU/ft ² /HR/°F/in	W/mK
1000°F (540°C)	9.5	1.30
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
47.1	42.8	0.9	1.2	1.2	0.5

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