Quikturn Gun Mixes

Product Data

QUIKTURN 60G

QUIKTURN 60G is a 60% 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. **QUIKTURN 60G** has excellent strength, alkali and abrasion resistance. The following is gunned data:

Maximum Service Temperature: 1700°C

Bulk Density:
After 815°C 2080 - 2240 kg/m^3

Cold Crushing Strength:
After 815°C 379 - 552 kg/cm^2
After 1600 °C 620 - 827 kg/cm^2

Modulus of Rupture:
After 815°C 103 - 172 kg/cm^2

Erosion Loss:
After 815°C Less than 12 cc

Permanent Linear Change(%):
Green to 110°C 0.0 to -0.1
110°C 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)	10.0	1.44
1500°F (815°C)	10.0	1.44
2000°F (1095°C)	10.0	1.44

Typical Chemical Analysis(%):

Al_2O_3	SiO_2	Fe_2O_3	TiO_2	CaO	Alkalies
57.5	36.0	0.9	1.8	1.0	0.2