



PRODUCT DATA

Brand Name: QUIKTURN 56SCG

Description: A silicon carbide-based ultra-low cement gunning mix that is installed by dry gunning methods using conventional gunite equipment. This product has very good resistance to abrasion and alkali attack and high thermal conductivity.

Maximum Service Temperature2900°F (1590°C)

Typical Water Required for Mixing:

For Predampening..... 1.9%

Bulk Density (lb/ft³)

After 220°F (105°C) : 149 (2413 kg/m³)
After 1500°F (815°C) : 147 (2380 kg/m³)

Cold Crushing Strength (lb/in²)

After 1500°F (815°C) : 11,000 (770 kg/cm²)

Modulus of Rupture (lb/in²)

After 1500°F (815°C) : 1,576 (110 kg/cm²)

Permanent Linear Change (%)

After 1500°F (815°C) : -0.2

Thermal Conductivity (K Factor)

At Mean Temperature:	BTU/Ft ² /Hr./°F/In	W/mK
1500°F (815°C)	38.0	5.47
2000°F (1095°C)	44.0	6.33

Erosion Loss

Using ASTM C-704 Method: Less than 12 cc

Typical Chemical Analysis (%)

SiC.....	54.9%
Al ₂ O ₃	27.5
SiO ₂	15.3
Fe ₂ O ₃	0.3
CaO.....	0.9
TiO ₂	0.5
Alkalies.....	0.2

Standard Packaging: 55 lb bag; 72 bags per pallet (Bulk Packaging Available)

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), 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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