

Utah Refractories Corp.



Silica Mortar

Manufactured in Lehi, Utah

	Gen-Sil Bond <i>Blue Color</i> <i>(Heat Set)</i>
Chemical Analysis, %: <i>(Calcinated Basis)</i>	
SiO ₂	98.6
AL ₂ O ₃	0.6
Fe ₂ O ₃	0.1
CaO / MgO	0.1
TiO ₂	Tr.
B ₂ O ₂	0.3
P ₂ O	0.1
Alkalies	0.1
Others	Tr.
Fusion Point: PCE	27 2984°F <i>(1640°C)</i>
Service Temperature:	2900°F <i>(1595°C)</i>
Water Required Per 100 lb.: Troweled Joints Dipped Joints	9 - 11 qt. 13 - 15 qt.
Material Required Per 1000: 9-in equiv. Troweled Joints	200 - 400 lb.
Screen Analysis: On 14 Mesh Minus 14 mesh plus 48 mesh Minus 48 mesh plus 200 mesh Minus 200 mesh	1.0% 30 – 40% 20 – 35% 35 – 50%

The test data above is based on average results on production samples. This data is subject to normal variation on individual tests. Therefore, test data cannot be assumed as maximum or minimum specifications. ASTM procedures are used where applicable.