



## RESCOBOND 60SCG

**RESCOBOND 60SCG** is a single component phosphate bonded containing 60% silicon carbide. It is a chemically setting refractory gunning mix which develops a quick set and can be heated shortly after installation to provide a fast “back on line” capability for your unit. It’s chemical bonding system provides adherence to existing refractory, making it an effective patching material. **RESCOBOND 60SCG** can be installed by gunning or hand-packing techniques.

**Maximum Service Temperature:** 1500°C

**Bulk Density:**  
2500°F (1370°C) 130 lb/ft<sup>3</sup> (2082 kg/m<sup>3</sup>)

**Cold Crushing Strength:**  
1500°F ( 815°C) 3,500 psi (245 kg/cm<sup>2</sup>)  
2500°F (1370°C) 8,000 psi (552 kg/cm<sup>2</sup>)

**Modulus of Rupture:**  
2500°F (1370°C) 1200 psi (83 kg/cm<sup>2</sup>)

**Permanent Linear Change(%):**  
1500°F (815°C) 0 to -0.3%

### **Typical Chemical Analysis(%)**

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	MgO/CaO	Alkalies	P <sub>2</sub> O <sub>5</sub>	SiC
15.1	12.6	0.8	1.5	5.6	0.2	4.2	59.2

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions 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. RESCO PRODUCTS disclaims any expressed or implied warranties based on this sheet. 01/08/13 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet



