



## RESCOBOND 3000HSG

**RESCOBOND 3000HSG** is a single component phosphate bonded, chemically setting refractory gunning mix. It develops a quick set and can be heated shortly after installation to provide a fast “back on line” capability for your unit. Its chemical bonding system provides adherence to existing refractory, making it an effective patching material. **RESCOBOND 3000HSG** can be installed by gunning or hand-packing techniques.

**Maximum Service Temperature:** 3000°F (1650°C)

**Bulk Density:**  
After Firing to 1500°F (815°C) 130 lb/ft<sup>3</sup> (2080 kg/m<sup>3</sup>)

**Cold Crushing Strength:**  
After Firing to 1500°F (815°C) 4,500 psi (315 kg/cm<sup>2</sup>)

**Modulus of Rupture:**  
After Firing to 1500°F (815°C) 1450 psi (101 kg/cm<sup>2</sup>)

**Abrasion Loss:**  
After Firing to 1500°F (815°C) 13cc (Typical)

**Permanent Linear Change(%):**  
220-1500°F (110-815°C) 0 to -0.2

**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>
59.5	23.8	0.8	1.8	5.5	0.2	4.3

**Standard Packaging:** 72 x 25kg. bags per pallet

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.

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