



# PRODUCT DATA

**Brand Name:** RESCOBOND 3000G

**Description:** RESCOBOND 3000G is a chemically-bonded, air-setting, single component gunning mix. This product can be installed by conventional gunning and handpacking methods and bonds to existing refractory. When gunning, predampening is NOT suggested for this gun mix. This product develops a quick set and can be heated shortly after installation. RESCOBOND 3000G should NOT be installed by vibration casting methods.

Physical properties shown are average values of samples taken under controlled conditions  
ASTM test methods used where applicable

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

	Gunned Data	
<b><u>Bulk Density (pcf)</u></b>		
After 1500°F (815°C)	130	(2.08 g/cm <sup>3</sup> )
<b><u>Cold Crushing Strength (psi)</u></b>		
After 1500°F (815°C)	4500	(315 kg/cm <sup>2</sup> )
<b><u>Permanent Linear Change (%)</u></b>		
After 1500°F (815°C)	-0.2	
<b><u>Abrasion Loss (using ASTM C-704 Method)</u></b>		
After 1500°F (815°C)	13 cc	

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

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	56.3
Silica (SiO <sub>2</sub> ) .....	31.4
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.9
Titania (TiO <sub>2</sub> ) .....	1.5
Lime + Magnesia (CaO+MgO) .....	5.0
Alkalies (Na <sub>2</sub> O+K <sub>2</sub> O) .....	0.9
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) .....	4.2

**Standard Packaging:** 55 lb bag. 72 bags per pallet. Bulk packaging available.

Brand Code: 1574

The properties shown on this data sheet represent typical average results 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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