



# PRODUCT DATA

**Brand Name:** RESCOBOND 90A G

**Description:** RESCOBOND 90A G is an aluminum-resistant, phosphate bonded gun mix that can be installed by conventional gunning and handpacking methods. This product has been formulated to be a single component gun mix that can be gunned in hot or cold applications and develops a quick set. No predampening is needed prior to gunning. After the initial set, this product can be heated without using the traditional ramp-and-hold heatup schedule.

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

**Maximum Service Temperature: 3200°F (1760°C)**

	<u>Gunned Data</u>	
<b><u>Bulk Density (pcf)</u></b>		
After 1500°F (815°C)	176	(2.82 g/cm <sup>3</sup> )
<b><u>Cold Crushing Strength (psi)</u></b>		
After 1500°F (815°C)	6000	(420 kg/cm <sup>2</sup> )
<b><u>Permanent Linear Change (%)</u></b>		
After 1500°F (815°C)	-0.3	
<b><u>Abrasion Loss (using ASTM C-704 Method)</u></b>		
After 1500°F (815°C)	Less than 10 cc	

**Typical Chemical Analysis (%)**

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	87.1
Silica (SiO <sub>2</sub> ) .....	2.2
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.2
Lime + Magnesia (CaO+MgO) .....	3.9
Alkalies (Na <sub>2</sub> O+K <sub>2</sub> O) .....	0.2
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) .....	2.9
Others .....	3.5

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

Brand Code: 8895

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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