



Chem-Bonded Castables

Product Data

RESCOBOND 3000AG

RESCOBOND 3000AG is a molten aluminum-resistant, single component, chemically bonded refractory gunning mix that has improved gunning characteristics. It develops a quick set and can be heated shortly after installation to provide a fast "back on line" capability for your unit. **RESCOBOND 3000AG's** chemical bonding system provides adherence to existing refractory, making it an effective patching material. It can be installed by gunning or hand-packing techniques. Predampening is not suggested prior to installation.

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

Bulk Density:
After 1500°F (815°C) : 128 pcf (2048 kg/m³)

Cold Crushing Strength:
After 1500°F (815°C) : 3,500 psi (245 kg/cm²)

Permanent Linear Change(%):
After 1500°F (815°C) : -0.2
After 2500°F (1370°C) : +0.5

<u>Typical Chemical Analysis(%):</u>						
Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO/CaO	Alkalies	P ₂ O ₅
50.6	35.8	1.1	1.6	6.5	0.2	4.2

Standard Packaging: 72 - 55 lb. bags per pallet (bulk packaging available)

The properties shown on this data sheet represent typical average results generated 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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