



RENO REFRACTORIES, INC

No Cem® "Coat-It"

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TECHNICAL DATA SHEET

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**NoCem® "Coat-It"** Is a Chemically bonded high alumina patch mix that resists alkali attack, oxide buildup, aluminum penetration and thermal shock.

**NoCem® "Coat-It"** Patching aluminum furnace walls, sills, jambs, burner blocks, ladles and trough.

**SERVICE TEMPERATURE:** 3000°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 165 lbs/cf  
**WATER RATIO:** 5.0 – 6.0 pints per 45lb. pail  
**STORAGE LIFE:** 4 MONTHS UNDER DRY CONDITIONS

**TYPICAL CHEMICAL ANALYSIS (includes binder) (Calcined Basis)**

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	P <sub>2</sub> O <sub>5</sub>	TiO <sub>2</sub>	Alkalies
92.0	1.2	0.6	4.6	0.1	1.5

**TYPICAL PHYSICAL PROPERTIES**

Temp. °F	Cold Crushing Strength (psi)	Bulk Density (pcf)
1500	2,656	156

186207 – 7/97

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The data presented represents typical average results obtained by testing under ASTM or other acceptable procedures as required. They are subject to normal variations and should not be used for specification purposes.

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