RENO REFRACTORIES, INC **CA 25 LW**

TECHNICAL DATA SHEET

CA 25 LW is a hydraulic setting insulating castable with a service limit of 2500ºF. It exhibits low thermal conductivity and good strength. **CA 25 LW** can be cast or gunned

SERVICE TEMPERATURE: 2500°F
MATERIAL REQUIRED FOR ESTIMATING: 65 lbs./ft³ (cast)
75-80 lbs./ft³ (gunned)
CASTING WATER: 36-44%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al_2O_3	SiO_2	Fe_2O_3	MgO	CaO	Alkalies
48	35	0.9	<0.5	11	<1.5

TYPICAL PHYSICAL PROPERTIES (Cast)

Prefired to °F	Cold Crushing Strength, psi	Linear Change %	"K" Factor Btu/ft²/hr/in/°F
250	667	Nil	500°F – 1.7
1500	350	-0.7	1000°F – 1.9
2000	330	-1.0	1500°F – 2.1
2400	850	+1.0	2000°F – 2.7

TYPICAL PHYSICAL PROPERTIES (Gunned)

Prefired to ˚F	Cold Crushing Strength, psi	Linear Change %
250	1,260	Nil
1500	920	-0.7
2000	690	-1.0
2400	1,450	+1.0

PACKAGING: 50 lb. Bags, 40 per Pallet (2,000 lbs.)

136300 – 1/27/17

Reno Refractories, Inc. PO Box 201, Morris, Alabama 35116
205.647.0240 | Toll Free 1.800.741.7366