



RENO REFRACTORIES, INC

## Reno Lite 75 EX

### TECHNICAL DATA SHEET

**Reno Lite 75 EX** is a high performance 2500°F medium weight castable suitable exposure at the hot face of the refractory lining. **Reno Lite 75 EX** can be installed by either hand packed, casting or gunning method.

Service Temperature:	2500°F / 1370°C	Wt. Required for Estimating:	75 lbs/ft <sup>3</sup> (Cast) 85 lbs/ft <sup>3</sup> (Gunned)
Liquid Type:	Water	Storage Life:	6 months
Addition Quantity:	Adjust at nozzle 29.0 to 31.0%	Pre damp water required	1 to 2 qt / 50 lb bag

#### TYPICAL CHEMICAL ANALYSIS (% Calcined Basis)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	MgO	Alkalis	Other
30.4	49.7	4.2	0.8	14	0.2	0.6	-

#### TYPICAL COLD PHYSICAL PROPERTIES

Temperature °F	Installation Method	Cold Modulus of Rupture (psi)	Cold Crushing Strength (psi)	Density (pcf)	Linear Change (%)
1500°F	Cast	400 - 500	1500 - 2200	72 - 78	-0.1 to -0.4
	Gunned	450 - 550	2000 - 2800	82 - 88	-0.2 to -0.5
2000°F	Cast	400 - 500	1200 - 1800	-	-0.3 to -0.7
	Gunned	450 - 550	1700 - 2500	-	-0.4 to -0.8

#### TYPICAL HOT PHYSICAL PROPERTIES

Temperature °F	Thermal Conductivity (BTU/ft <sup>2</sup> /hr/in/°F)
500	2.3
1000	2.5
1500	2.6

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

RB

PIN# 610600

01/23/2023

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.

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