



RENO REFRACTORIES, INC

Reno AluSHIELD Lite 24-60

TECHNICAL DATA SHEET

Reno AluSHIELD Lite 24-60 is a strong insulating castable developed specifically for contact with molten aluminum. The volume stability, low thermal conductivity and non wetting characteristic are ideal features for over the road ladles.

SERVICE TEMPERATURE:	2450°F
MATERIAL REQUIRED FOR ESTIMATING:	62 lbs./cu. ft.
CASTING WATER:	40-45%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
48.4	37.4	0.7	0.8	0.3	7.6	1.7	3.1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	270	570	-0.1
1500	100	420	-0.3
2000	90	600	-0.1
2400	340	320	+0.3

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

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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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