



RENO REFRACTORIES, INC

Reno AluSHIELD GUN 2125X

TECHNICAL DATA SHEET

Reno AluSHIELD 2125X is a high purity, mullite based, refractory gunning mix, designed for applications where alkali and severe chemical attack is a problem. Excellent resistance to molten aluminum.

Reno AluSHIELD 2125X is used in resurfacing and full sections in aluminum melting and holding furnace upper and lower sidewalls.

SERVICE TEMPERATURE: 2500°F
MATERIAL REQUIRED FOR ESTIMATING: 138 lbs./cu. ft.
WATER REQUIRED: Add at Nozzle

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
64.9	29.5	1.2	0.2	0.09	1.8	0.3	2.01

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
230	1200	6,850	Nil
1500	795	5,077	-0.5
2500	1450	8,090	-0.7

HOT MOR at 1500°F: 424 psi

PACKAGING: 55 lb. Bags, 72 per Pallet

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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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