



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA - TYPICAL

REFRACTORY BRICK

SKAGIT X

Classification	A general purpose high duty refractory brick with good resistance to spalling	
Refractoriness P.C.E.	Cone 311/2-32	
Bulk Density	124-129 lbs/ft ³	(1.95-2.05 g/cm ³)
Cold Crushing Strength	2500-4000 lbs/in ²	(17-28 MPa)
Modulus of Rupture	700-1200 lbs/in ²	(4.8-8.3 MPa)
Apparent Porosity (%)	21-24%	
Linear Change on Reheating 2550°F (1400°C) for 5 Hours	-0.1% to +0.3%	

Chemical Analysis (%)

Silica	SiO ₂	60-64%
Alumina	Al ₂ O ₃	31-34%
Titania	TiO ₂	1.5-2.5%
Iron	Fe ₂ O ₃	2.0-3.0%
Lime	CaO	0.2-0.4%
Magnesia	MgO	0.2-0.4%
Alkalis	Na ₂ O + K ₂ O	0.8-1.2%

ASTM Designation C27-84 - High Duty

OCT 97

**ALL DATA SUBJECT TO REASONABLE DEVIATION AND THEREFORE
SHOULD NOT BE USED FOR SPECIFICATION PURPOSES**