



CLAYBURN INDUSTRIES LTD.

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ABBOTSFORD, BC
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TECHNICAL DATA - TYPICAL

REFRACTORY MORTAR

SUPER TITEBOND (DRY)

AIR SETTING

Classification	A super duty air setting refractory mortar having excellent resistance to cryolite	
Service Temperature	3100°F (1705°C)	
Particle Size	5% on 35 mesh (Tyler) 80% passing 65 mesh	
Bond Strength Dried at 230°F (110°C)	800-1500 lbs/in ²	(5.5-10.3 MPa)
Refractoriness Pier Test 2910°F (1600°C) for 5 Hours	Excellent bond strength - no flowing out of joints	
Water Retention	300+ seconds	

Chemical Analysis

Silica	SiO ₂	43-47%
Alumina	Al ₂ O ₃	43-47%
Iron	Fe ₂ O ₃	2-3%

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