



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA - TYPICAL

REFRACTORY MORTAR

SUPER TITEBOND (WET)

AIR SETTING

Classification	A super duty air setting refractory mortar with excellent resistance to cryolite.	
Service Temperature	3100 ⁰ F	(1705 ⁰ C)
Particle Size	5% on 35 mesh (Tyler) 80% passing 65 mesh	
Bond Strength Dried at 230 ⁰ F (110 ⁰ C)	1200-2000 lbs/in ²	(8.3-13.8 MPa)
Refractoriness Pier Test 2910 ⁰ F (1600 ⁰ C) for 5 Hours	Excellent bond strength - no flowing out of joints.	
Water Retention	300+ seconds	
<u>Chemical Analysis</u>		
Silica	SiO ₂	47-51%
Alumina	Al ₂ O ₃	41-45%
Titania	TiO ₂	1.3-1.8%
Iron	Fe ₂ O ₃	1.0-1.5%
Alkalies	K ₂ O/Na ₂ O	4.5-5.5%

NOV 99

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