



**CLAYBURN INDUSTRIES LTD.**

33765 PINE STREET  
ABBOTSFORD, BC  
CANADA V2S 5C1  
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TECHNICAL DATA - TYPICAL  
REFRACTORY MORTAR  
**SUPER TITEBOND F (DRY)**  
**AIR SETTING**

Classification	A super duty, creamy, air setting refractory mortar having excellent resistance to cryolite	
Service Temperature	3100°F (1705°C)	
Particle Size	<2% on 35 mesh (Tyler) 85-90% passing 65 mesh	
Bond Strength Dried at 230°F (110°C)	800-1500 lbs/in <sup>2</sup>	(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 <sub>2</sub>	43-47%
Alumina	Al <sub>2</sub> O <sub>3</sub>	43-47%
Iron	Fe <sub>2</sub> O <sub>3</sub>	2-3%

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