



CLAYBURN INDUSTRIES LTD.

33765 PINE STREET
ABBOTSFORD, BC
CANADA V2S 5C1
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TECHNICAL DATA - TYPICAL

REFRACTORY MORTAR

SUPER TITEBOND F (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 | Nil on 35 mesh (Tyler) 90% 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 | |

Chemical Analysis

| | | |
|----------|------------------------------------|----------|
| 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% |

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