



**CAROBOND 30 W**

**2020**

**CAROBOND 30 W** is a wet, super duty, air setting mortar with a service temperature limit of 3000°F. CAROBOND 30 W is homogenous and provides excellent bonding strength. This product can be troweled, dipped, or brushed. Can be used with high-duty, super-duty, high alumina, and insulating fire brick.

Maximum recommended service temperature.....3000°F

<u>Test Temperature</u>	<u>Modulus of Rupture,</u> <u>p.s.i.</u>	<u>Cold Crushing,</u> <u>p.s.i.</u>	<u>Linear Change %</u>
220°F	450 – 500	1350 - 1750	-0.5
1500°F	200 - 250	550 - 850	-0.3
2000°F	250 - 350	800 - 1200	-0.3
2700°F	350 - 450	1100 - 1500	-0.2

**Chemical Analysis (%)**

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	45.3
Silica (SiO <sub>2</sub> ) .....	46.8
Iron (Fe <sub>2</sub> O <sub>3</sub> ) .....	1.7
Titania (TiO <sub>2</sub> ) .....	1.8
Lime (CaO).....	0.2
Magnesia (MgO).....	0.4

**Material Required for Estimating:**

Quantity required to lay 1000 9 x 4 ½ x 3 straights,  
thinly troweled joints 450 lbs.

Mixing water required – Use as received

Packaged in 60-pound pails, sixty pails per pallet (3600 pounds)