



CAROBOND 32 W

2020

CAROBOND 32 W is a high alumina, chemically bonded, wet mortar. Excellent strength and metal penetration resistance. Used for laying all types of high alumina brick. Excellent troweling characteristics.

Maximum recommended service temperature.....3275°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 | 300 – 500 | 1800 – 2200 | -0.1 |
| 2000°F | 550 – 750 | 2000 – 2400 | -0.1 |
| 2500°F | 1900 – 2450 | 5350 – 5900 | +0.1 |
| 3000°F | 2300 – 2700 | 5750 – 6200 | +0.1 |

Chemical Analysis (%)

| | |
|---|------|
| Alumina (Al ₂ O ₃) | 79.2 |
| Silica (SiO ₂) | 11.0 |
| Iron (Fe ₂ O ₃) | 0.7 |
| Titania (TiO ₂) | 1.0 |
| Lime (CaO)..... | 0.1 |
| Magnesia (MgO)..... | 0.1 |
| Phosphorus Pentoxide (P ₂ O ₅) | 6.0 |

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 75-pound pails, thirty-six pails per pallet (2700 pounds)