



CAROCON 50

2020

CAROCOCON 50 is a low cement, free flowing castable that has excellent abrasion resistance strengths.

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>
230°F	840	5000	0.1
1500°F	950	-	-
2000°F	1200	5400	0.1
2900°F	2000	14000	0.3

Chemical Analysis (%)

Alumina (Al ₂ O ₃)	51.1
Silica (SiO ₂)	43.4
Iron (Fe ₂ O ₃)	1.0
Titania (TiO₂)	1.9
Lime (CaO).....	1.4
Magnesia (MgO).....	1.0
Alkalies.....	1.1

Material required for estimating – 145 lbs./ft³

Packaged in 75-pound bags, forty-eight cartons bags pallet (3600 pounds)