



CARO PATCH 90 PB

2020

CARO PATCH 90 PB is a high purity, chemically bonded, patching plaster. A 90% alumina class product. Excellent as a patching material for those applications where service is severe and high hot strengths, and extreme abrasion or erosion resistance is required. Application by trowel or by hand to maintain monolithic linings.

Maximum recommended service temperature..... 3200°F

Melting Point..... 3350°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>
500°F	800 – 1100	3100 – 3550	0.0
2000°F	650 – 900	2400 – 2700	+0.1
2500°F	1550 – 1900	5950 – 6400	+0.7
3000°F	2500 – 2900	8800 – 9350	+0.5

Chemical Analysis (%)

Alumina (Al ₂ O ₃)	84.6
Silica (SiO ₂)	6.5
Iron (Fe ₂ O ₃)	2.1
Titania (TiO ₂)	2.2
Lime (CaO).....	0.2
Magnesia (MgO).....	0.3
Phosphorus Pentoxide (P ₂ O ₅)	3.9

Material Required for estimating – 175 lbs./ft³

Mixing water required – Use as received

Packaged in 55-pound pails, thirty-six pails per pallet (1980 pounds)