



**CARO PATCH 55 PB**

**2020**

**CARO PATCH 55 PB** is a high alumina, chemically bonded, patching plaster. Excellent for patching and maintaining monolithic linings. High strength throughout the temperature range. Also available with carbon addition, CARO PATCH 55 PBG, for non-wetting properties and ease of skull removal. Both products can be applied by trowel or by hand.

Maximum recommended service temperature..... 3075°F

Melting Point..... 3200°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	275 – 450	950 – 1250	-0.2
2000°F	550 – 750	1900 – 2400	+0.1
2500°F	900 – 1150	2550 – 2975	+0.3
3000°F	1400 – 1750	3850 – 4400	+0.5

**Chemical Analysis (%)**

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	56.1
Silica (SiO <sub>2</sub> ) .....	36.7
Iron (Fe <sub>2</sub> O <sub>3</sub> ) .....	1.2
Titania (TiO <sub>2</sub> ) .....	1.3
Lime (CaO).....	0.5
Magnesia (MgO).....	0.3
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) .....	3.9

Material Required for estimating – 153 lbs./ft<sup>3</sup>

Mixing water required – Use as received

Packaged in 55-pound pails, forty-eight pails per pallet (2640 pounds)