



## Paragon RD

---

**DESCRIPTION:** Paragon RD series brick are carbon-bonded synthetic dolomite brick for steelmaking applications like ladles. The synthetic nature of the grain in the brick equates to uniformity, consistency and high-performance. The resin binder affords thermal shock resistance and high hot strength. Brick are available with graphite additions for increased modulus of elasticity.

**USES INCLUDE:** Ladle working linings

### CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate % by weight)

MgO	40 %
CaO	60 %
SiO <sub>2</sub>	0.5 %
Fe <sub>2</sub> O <sub>3</sub>	0.6 %
Residual Carbon	2.2 %

### TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, g/cm <sup>3</sup>	2.87
Crushing Strength, n/mm <sup>2</sup>	100
Apparent Porosity, %	4

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally, and as a function of size and shape. This form is not intended to be used for purposes of specification, it is informational only.

Version 20.11

---