INFORMATION BULLETIN

Paragon MCa30Z

DESCRIPTION: Synthetic dolomite brick produced from high-quality natural magnesia sinter, calcia enriched to give the product physical attributes that accommodate excellent coating stability, flexibility, and the ability to withstand thermal spalling. The added magnesia enables it to better withstand spalling due to loss of coating, giving the product added operating life.

USES INCLUDE: Steel ladle slag lines.
Burning zones of rotary cement kilns.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

MgO	60.0 – 65.0%
CaO	28.0 – 30.0%
Al_2O_3	≤ 3.0%
Fe_2O_3	≤ 3.0%
SiO_2	≤ 3.0%
Zr_2O_3	≤ 3.0%

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%) before wax:	< 13.1
Bulk Density, original (g/cm^3):	≥ 2.97
Cold Crushing Strength (MPa):	> 80

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.

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