

# Dolosinter

## Sintered Dolomite

**Dolosinter** is a natural mineral product obtained after the "calcination to death" of the dolomite. In this process, the magnesium and calcium oxide contained in the dolomite is transformed into a new synthetic mineral "PERICLASA", becoming a raw material with optimal properties for the production of refractory bricks.

**DENSITY 3.08-3.15 grs/cm<sup>3</sup>**



**Granulometry < 30 mm**

CHEMICAL COMPOSITION	%
SiO <sub>2</sub>	<0,24
AlO <sub>3</sub>	<0,15
Fe <sub>2</sub> O <sub>3</sub>	0,17-0,25
CaO	57,5-59,5
MgO	38,5-40,5

**P.P.C < 0,3%**

**Dolosinter** is generated from a dolomite in which the values of Si + Al + Fe are <1%. The transformation is carried out in a Maerz vertical furnace in which temperature variables (> 2,000°C) and dwell time are controlled in an exact way, obtaining a very stable and unique quality product for the configuration of low refractory products. in Iron.