



**dimpomar**

ROCHAS PORTUGUESAS, LDA.

## GASCOGNE BEIGE

(beige limestone)



### GENERAL INFO

<b>Material Type:</b>	Limestone
<b>Country of Origin:</b>	PORTUGAL
<b>Other Names:</b>	
<b>Petrographic Description:</b>	N/A
<b>Macroscopic Description:</b>	N/A

### PHISICAL-MECHANICAL PROPERTIES

<b>Compression Breaking Load:</b>	1689 Kg/cm <sup>2</sup>
<b>Compression B.L. after Freezing Test:</b>	1648 Kg/cm <sup>2</sup>
<b>Bending Strength:</b>	209 Kg/cm <sup>2</sup>
<b>Volumetric Weigth:</b>	2647 Kg/m <sup>3</sup>
<b>Water Absorption:</b>	0,81 %
<b>Apparent Porosity:</b>	2,14 %
<b>Thermal Linear Expansion Coefficient:</b>	3,9 10 <sup>6</sup> per °C
<b>Abrasion Test:</b>	3,7 mm
<b>Impact Test:</b>	25 cm
<b>Freeze-Defreeze cycles (no alteration after):</b>	48 cycles

### MICROSCOPIC PROPERTIES

<b>Calcite:</b>	100 %
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### CHEMICAL ANALYSIS

<b>Al<sub>2</sub>O<sub>3</sub>:</b>	0,51%
<b>CaO:</b>	55,58%
<b>Fe<sub>2</sub>O<sub>3</sub>:</b>	0,60%
<b>K<sub>2</sub>O:</b>	0,01%
<b>MgO:</b>	0,06%
<b>Na<sub>2</sub>O:</b>	0,06%
<b>P.R.:</b>	41,87%
<b>SiO<sub>2</sub>:</b>	0,50%
<b>CO<sub>2</sub>:</b>	43,62%