

## TECHNICAL CHARACTERISTICS Terra Coral

Petrographic determination: Porous Biofeldspar Calcite

DESCRIPTION	TEST	VALUE
Apparent density	EN 1936	2580 kg/m <sup>3</sup>
Open porosity	EN 1936	3,5 % vol.
Flexural strength	EN 12372	11.2 Mpa
Uniaxial compressive strength	EN 1342 & EN 1926	92 Mpa
Water absorption at atmospheric pressure	EN 1341 & EN 13755	1.00 % wt.
Freeze-thaw resistance, 28 cycles: Compressive strength after 28 freeze-thaw cycles	EN 771-6, EN 12371 & EN 772-1	94.3 N/mm <sup>2</sup>
Freeze-thaw resistance, 48 cycles: Flexural strength after 28 freeze-thaw cycles	EN 771-6, EN 12371 & EN 12372	10.9MPa

### Chemical Analysis

CaO	52%
LOI	41.10%
Fe <sub>2</sub> O <sub>3</sub>	1,90%
SiO <sub>2</sub>	1,80%
Na <sub>2</sub> O	1,20%
MgO	0,45%