

Commercial name: **SANTAMARGHERITA "SM Quartz"**

Country of origin: Italy

Mechanical properties - Indicative lab test results (*):

Water absorption	$\leq 0,10\%$	EN-14617-1
Apparent density	2000 - 2500 kg/m ³	EN-14617-1
Flexural strength	28 – 100 MPa	EN 14617-2
Compression resistance	150 – 250 MPa	EN 14617-15
Abrasion resistance	25 – 33 mm	EN 14617-4
Impact resistance	1.0 – 5.5 J (for thickness 10-12mm) $\geq 2,0$ J (for thickness 20-30mm)	EN 14617-9
Linear thermal expansion coefficient	21 - 50 x 10 ⁻⁶ °C ⁻¹	EN 14617-11
Frost resistance	KM _{f25} 0,9 – 1,2	EN 14617-5
Thermal shock resistance	$\Delta m\% \leq 0,07\%$ $\Delta R\% \leq 25\%$	EN 14617-6
Mohs hardness	up to 7 Mohs	EN 101
Reaction to fire	A2fl-s1	EN 13501-1
Chemical Resistance	C4	EN 14617-10

(*) This information is based on information given by the supplier. However, this shall not constitute a guarantee for a specific batch of stone and shall not establish a legally valid contractual relationship.

Halandri, 7/5/2015