

# santamargherita

THE ORIGINAL ITALIAN SURFACE

## TECHNICAL DATA FOR ENGINEERED STONES BASED ON A MIX OF SELECTED MINERALS

Product:	<b>Gray Feather</b>
Composition:	<b>12 - 14 % Resin</b> <b>86 - 88 % Mix of selected minerals</b>
Surface finish:	<b>Polished, Silk</b>
Slabs size (cm):	<b>330x165</b>
Slabs thickness (cm):	<b>2,0 - 3,0</b>



Characteristics	Standard	Value	Notes
Apparent density	EN 14617-1	2250 - 2400 Kg/m <sup>3</sup>	
Water absorption	EN 14617-1	≤ 0,10 %	
Flexural strength	EN 14617-2	40 - 70 Mpa	
Abrasion resistance	EN 14617-4	29 - 31 mm	
Frost resistance	EN 14617-5	KM <sub>f25</sub> 0,9 - 1,2	
Thermal shock resistance	EN 14617-6	Δm% ≤ 0,07 %	Test temperature: 70°C
		ΔR <sub>f,20</sub> ≤ 20 %	
Impact resistance	EN 14617-9	≥ 8,0 J	For thickness 20 mm, 30 mm
Chemical resistance	EN 14617-10	C4	
Linear thermal expansion coefficient	EN 14617-11	40 - 50 x 10 <sup>-6</sup> °C <sup>-1</sup>	
Dimensional stability	EN 14617-12	Class A (<0,3 mm)	Referred to tiles 30x30x2,0 cm
Electrical resistivity	EN 14617-13	ρ <sub>s</sub> ≥ 10 <sup>10</sup> Ω	Referred to surface
		ρ <sub>v</sub> ≥ 10 <sup>8</sup> Ω m	Referred to volume
Compression resistance	EN 14617-15	150 - 250 MPa	
Reaction to fire	EN 13501-1	Bfl-s1	Flooring
Thermal conductivity	EN 12524	1,3 W/(m K)	From tabulated values
Slip resistance	EN 14231	≥ 35 (Dry)	
		≥ 3 (Wet)	
Slip resistance	DIN 51130	R9	For Honed H9

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