

TECHNICAL DATASHEET

SILESTONE

Name and Identification:

Product: Silestone®

Code: Family I

(Alpina White, Alpina White 18, Azul Ugarit, Azul Ugarit 12, Kona Beige, Kona Beige 12, Mountain Mist, Mountain Mist 12, Sienna Ridge, Sienna Ridge 12, Sierra Madre, Sierra Madre 12)

Name and address of manufacturer:

Company: Cosentino S,A

Address: Carretera A-334, km 59, código postal 04850 Cantoria (Almería) - Spain

TECHNICAL DATASHEET SILESTONE - FAMILY I

Test	Standard	UD	Values
Apparent density	EN-14617-1	kg/m ³	2453
Water absorption	EN-14617-1	%	0.05 W ₄
Flexural Strength	EN-14617-2	MPa	27.6 F ₃
	Stad. desviation	MPa	2.7
	Lower spected value	MPa	22.5
Resistance to impact	EN-14617-9	cm/J	2.8
Resistance to abrasion	EN-14617-4	mm	25.5 A ₄
Slip resistance (polish)	EN-14231	PSRV wet	8
		PSRV dry	46
Slip resistance (suede)	EN-14231	USRV wet	10
		USRV dry	44
Thermal shock resistance	EN-14617-6	% change in dinamic elastic mod.	13
		% change in mass	-0.01
Electric resistivity	EN-14617-13	TΩ/m (1000V) volume	9.3
		TΩ/m (1000V) surface	28.7
Thermal conductivity	EN-10456	W/m·K	1.3
Thermal expansión coefficient	EN-14617-11	x10 ⁻⁶ °C ⁻¹	29
Fire reaction	EN 13501-1	-	A2 _f ,s1 / A2 _s ,d0
Adherence for cementitious adhesives	Based on EN-1348	Initial adherence, N/mm ²	3.4
Adherence for cementitious adhesives	Based on EN-1348	Desviation adherence, N/mm ²	0.20