

TECHNICAL DATASHEET

SILESTONE

Name and Identification:

Product: Silestone[®]

Code: Family I

(Alpina White, Azul Ugarit, Black Canyon12, Brazilian Brown, Giallo Quarry, Kona Beige, Marrón Jupiter, Mountain Mist, Sienna Ridge, Sierra Madre, Verde Ugarit)

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	2,460
Water absorption	EN-14617-1	%	0.04 W ₄
Flexural Strength	EN-14617-2	MPa	28.1 F ₃
	Stad. desviation	MPa	1.9
	Lower spected value	MPa	24.1
Resistance to impact	EN-14617-9	cm/J	32.2/3.2
Resistance to abrasion	EN-14617-4	mm	25.5 A ₄
Slip resistance (polish)	EN-14231	PSRV wet	6
		PSRV dry	46
Slip resistance (suede)	EN-14231	USRV wet	10
		USRV dry	35
Thermal shock resistance	EN-14617-6	% change in dinamic elastic mod.	10.3
		% change in mass	-0.01
Electric resistivity	EN-14617-13	TΩ/m (1000V) volume	12.5
		TΩ/m (1000V) surface	903
Thermal conductivity	EN-10456:2007	W/m·K	1.3
Thermal expansión coefficient	EN-14617-11	x10 ⁶ °C ⁻¹	28
Fire reaction	EN 13501-1:2007	-	A2 _{fls1} / A2.s2.d0
Adherence for cementitious adhesives	Based on EN-1348:2007	N/mm ²	0.50