

TECHNICAL DATASHEET

SILESTONE

Name and Identification:

Product: Silestone®

Code: Family II

(Arden Blue, Bamboo, Beige Daphne, Black Dragon, Blanco City, Blanco Matrix, Chrome, Crema Urban, Crystal Sand, Forest Snow, Halley, Iron Ore, Ivoy Coast, Luna, Marengo(*), Miami Grey, Negro Anubis, Negro Tebas(*), Riverbed, Toffee, White Diamod, White Platinum, Zirconium)

(*) Whit N-BOOST Technology

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 II

Test	Standard	UD	Values
Apparent density	EN-14617-1	kg/m ³	2.414
Water absorption	EN-14617-1	%	0.05 W ₄
Flexural Strength	EN-14617-2	MPa	42.8 F ₄
	Stad. desviation	MPa	1.1
	Lower spected value	MPa	40.3
Resistance to impact	EN-14617-9	cm/J	47.3/4.6
Resistance to abrasion	EN-14617-4	mm	26.0 A ₄
Slip resistance (polish)	EN-14231	PSRV wet	8
		PSRV dry	49
Slip resistance (suede)	EN-14231	USRV wet	11
		USRV dry	35
Thermal shock resistance	EN-14617-6	% change in flexural resistance	14.3
		% change in mass	-0.02
Electric resistivity	EN-14617-13	TΩ/m (1000V) volume	15.7
		TΩ/m (1000V) surface	110.0
Thermal conductivity	EN-10456:2007	W/m·K	1.3
Thermal expansión coefficient	EN-14617-11	x10 ⁶ °C ⁻¹	34
Fire reaction	EN 13501-1:2007	-	A2 _{fl,s1} / A2 _{s2,d0}
Adherence for cementitious adhesives	Based on EN-1348:2007	N/mm ²	1.00

NOTE: The N-BOOST Technology not affect the physical-mechanical properties of materials.