

## TECHNICAL DATASHEET

### SILESTONE

Name and Identification:

Product: Silestone®

Code: Family II

(Arden Blue, Bamboo, Bamboo08, Blanco City, Blanco Matrix, Chrome, Forest Snow, Iron Ore, Luna, Luna14, Marengo(\*), Negro Anubis, Negro Tebas, Negro Tebas18, Riverbed, White Platinum)

(\* 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 <sup>3</sup>	2403
Water absorption	EN-14617-1	%	0.03 W <sub>4</sub>
Flexural Strength	EN-14617-2	MPa	54.2 F <sub>4</sub>
	Stad. desviation	MPa	2.4
	Lower spected value	MPa	50
Resistance to impact	EN-14617-9	cm/J	6.6
Resistance to abrasion	EN-14617-4	mm	26.5 A <sub>4</sub>
Slip resistance (polish)	EN-14231	PSRV wet	7
		PSRV dry	63
Slip resistance (suede)	EN-14231	USRV wet	9
		USRV dry	35
Thermal shock resistance	EN-14617-6	% change in flexural resistance	-8.4
		% change in mass	-0.01
Electric resistivity	EN-14617-13	TΩ/m (1000V) volume	30.20
		TΩ/m (1000V) surface	252.00
Thermal conductivity	EN-10456	W/m·K	1.3
Thermal expansion coefficient	EN-14617-11	x10 <sup>-6</sup> °C <sup>-1</sup>	31
Fire reaction	EN 13501-1	-	A2 <sub>fl,s1</sub> / A2 <sub>s2,d0</sub>
Adherence for cementitious adhesives	Based on EN-1348	Initial adherence, N/mm <sup>2</sup>	3.4
Adherence for cementitious adhesives	Based on EN-1348	Desviation adherence, N/mm <sup>2</sup>	0.20

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