

TECHNICAL DATASHEET

SILESTONE

Name and Identification:

Product: Silestone[®]

Code: Family IV

(Altair, Aluminio Nube, Amazon, Aqua Fraccarolli, Calypso, Carbono, Coral Clay, Cygnus15, Eternal Marquina(*), Eternal Serena(*), Gedatsu, Haiku, Kensho, Kensington Cream, Magenta Energy, Maple Orna, Naranja Cool, Nymbus, Ocean Jasper, Oceam Storm, Pietra, Rosso Monza, Royal Reef, Silver Drift, Soapstone, Steel, Tigris Sand, Unsui, Verde Fun, Vortium, White Storm)

(*) 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 IV

Test	Standard	UD	Values
Apparent density	EN-14617-1	kg/m ³	2,256
Water absorption	EN-14617-1	%	0.05 W ₄
Flexural Strength	EN-14617-2	MPa	62.8 F ₄
	Stad. desviation	MPa	2.7
	Lower spected value	MPa	57.1
Resistance to impact	EN-14617-9	cm/J	91.0/8.9
Resistance to abrasion	EN-14617-4	mm	26.5 A ₄
Slip resistance (polish)	EN-14231	PSRV wet	6
		PSRV dry	47
Slip resistance (suede)	EN-14231	USRV wet	10
		USRV dry	40
Thermal shock resistance	EN-14617-6	% change in flexural resistance	9.9
		% change in mass	-0.01
Electric resistivity	EN-14617-13	TΩ/m (1000V) volume	80.7
		TΩ/m (1000V) surface	10.2
Thermal conductivity	EN-1056:2007	W/m-K	1.3
Thermal expansión coefficient	EN-14617-11	x10 ⁻⁶ °C ⁻¹	40
Fire reaction	EN 13501-1:2007	-	A2 _{fl,s1} / A2 _{s2,d0}
Aherence for cementitious adhesives	Based on EN-1348:2007	N/mm ²	0,50

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