

TECHNICAL DATASHEET

SILESTONE

Name and Identification:

Product: Silestone®

Code: Family IV

(Calypso, Carbono, Coral Clay, Cygnus , Cygnus15, Eternal Marfil (*), Eternal Marquina(*), Eternal Noir (*), Eternal Serena(*), Haiku, Kensho, Nymbus, Ocean Jasper, Oceam Storm, Pietra, Rosso Monza, Royal Reef, Tigris Sand, Unsui, Urban Frost, Verde Fun, Vortium, White Storm, White Storm14)

(*) With 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	2287
Water absorption	EN-14617-1	%	0.04 W ₄
Flexural Strength	EN-14617-2	MPa	50.2 F ₄
	Stad. desviation	MPa	5.2
	Lower spected value	MPa	40.4
Resistance to impact	EN-14617-9	cm/J	6.5
Resistance to abrasion	EN-14617-4	mm	29 A ₄
Slip resistance (polish)	EN-14231	PSRV wet	8
		PSRV dry	43
Slip resistance (suede)	EN-14231	USRV wet	9
		USRV dry	40
Thermal shock resistance	EN-14617-6	% change in flexural resistance	2
		% change in mass	0
Electric resistivity	EN-14617-13	TΩ/m (1000V) volume	19.7
		TΩ/m (1000V) surface	670
Thermal conductivity	EN-1056	W/m·K	1.3
Thermal expansion coefficient	EN-14617-11	x10 ⁻⁶ °C ⁻¹	34
Fire reaction	EN 13501-1	-	A2 _f ,s1 / A2,s2,d0
Aherence for cementitious adhesives	Based on EN-1348	Initial adherence, N/mm ²	3.4
Aherence for cementitious adhesives	Based on EN-1348	Desviation adherence, N/mm ²	0.20

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