

TECHNICAL DATASHEET

SILESTONE

Name and Identification:

Product: Silestone®

Code: Family V

(Altair, Altair15, Aluminio Nube, Amazon, Ariel, Bianco Calacatta, Blanco Orion, Blanco Zeus, Classic Calacatta(*), Classic White(*), Creamstone, Calacatta Gold(*) Desert Silver, Eternal Statuario(*), Iconic White(*), Lusso, Miami White, Miami White17, Pearl Jasmine(*), Silken Pearl, Silver Lake, Snow Ibiza, White Arabesque)

(*) 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 V

Test	Standard	UD	Values
Apparent density	EN-14617-1	kg/m ³	2133
Water absorption	EN-14617-1	%	0,05 W ₄
Flexural Strength	EN-14617-2	MPa	78.5 F ₄
	Stad. desviation	MPa	2.6
	Lower spected value	MPa	73.1
Resistance to impact	EN-14617-9	cm/J	≥14,8
Resistance to abrasion	EN-14617-4	mm	30 A ₄
Slip resistance (polish)	EN-14231	PSRV wet	5
		PSRV dry	37
Slip resistance (suede)	EN-14231	USRV wet	10
		USRV dry	40
Thermal shock resistance	EN-14617-6	% change in flexural resistance	-3.1
		% change in mass	0
Electric resistivity	EN-14617-13	TΩ/m (1000V) volume	400
		TΩ/m (1000V) surface	790
Thermal conductivity	EN-10456	W/m·K	1.3
Thermal expansión coefficient	EN-14617-11	x10 ⁻⁶ °C ⁻¹	45
Fire reaction	EN 13501-1	-	A2 _{fl,s1} / A2 _{s2,d0}
Adherence for cementitious adhesives	Based on EN-1348	Initial adherence, N/mm ²	3.4
Adherence 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.