

TECHNICAL DATASHEET

SILESTONE

Name and Identification:

Product: Silestone®

Code: Family III

(Arctic, Bianco River, Blanco Capri, Blanco Maple, Blanco Maple14, Blanco Maple Orna, Blanco Norte, Blanco Norte14, Brooklyn. Cemento Spa, Charcoal Soapstone, Copper Mist, Crema Minerva, Crema Minerva16, Daria, Doradus, Doradus13, Eternal Emperador (*), Gris Expo, Helix, Iconic Black(*), Iron Bark, Kimbler Mist, Lagoon, Lyra, Merope, Moonstone, Niebla, Noka, Pacifica, Pulsar, Quasar, Rougui, Yukon)

(*) 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 III

Test	Standard	UD	Values
Apparent density	EN-14617-1	kg/m ³	2,394
Water absorption	EN-14617-1	%	0.04 W ₄
Flexural Strength	EN-14617-2	MPa	42.8 F ₄
	Stad. desviation	MPa	3.0
	Lower spected value	MPa	36.4
Resistance to impact	EN-14617-9	cm/J	64.8/6.3
Resistance to abrasion	EN-14617-4	mm	26.0 A ₄
Slip resistance (polish)	EN-14231	PSRV wet	7
		PSRV dry	49
Slip resistance (suede)	EN-14231	USRV wet	10
		USRV dry	35
Thermal shock resistance	EN-14617-6	% change in flexural resistance	30.4
		% change in mass	-0.02
Electric resistivity	EN-14617-13	TΩ/m (1000V) volume	11.2
		TΩ/m (1000V) surface	33.4
Thermal conductivity	EN-10456:2007	W/m·K	1.3
Thermal expansion coefficient	EN-14617-11	x10 ⁻⁶ °C ⁻¹	36
Fire reaction	EN 13501-1:2007	-	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-mechanical properties of materials.