

TECHNICAL DATASHEET

SILESTONE

Name and Identification:

Product: Silestone®

Code: Family II

(Arden Blue, Bamboo, Beige Daphne, Black Dragon, Blanco City, Blanco Matrix, Chrome, Crema Urban, Crystal Sand, Forest Snow, Halley, Iron Ore, Ivoy Coast, Luna, Marengo(*), Miami Grey, Negro Anubis, Negro Tebas(*), Riverbed, Toffee, White Diamod, White Platinum, Zirconium)

(*) 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 ³ | 2.414 |
| Water absorption | EN-14617-1 | % | 0.05 W ₄ |
| Flexural Strength | EN-14617-2 | MPa | 42.8 F ₄ |
| | Stad. desviation | MPa | 1.1 |
| | Lower spected value | MPa | 40.3 |
| Resistance to impact | EN-14617-9 | cm/J | 47.3/4.6 |
| Resistance to abrasion | EN-14617-4 | mm | 26.0 A ₄ |
| Slip resistance (polish) | EN-14231 | PSRV wet | 8 |
| | | PSRV dry | 49 |
| Slip resistance (suede) | EN-14231 | USRV wet | 11 |
| | | USRV dry | 35 |
| Thermal shock resistance | EN-14617-6 | % change in flexural resistance | 14.3 |
| | | % change in mass | -0.02 |
| Electric resistivity | EN-14617-13 | TΩ/m (1000V) volume | 15.7 |
| | | TΩ/m (1000V) surface | 110.0 |
| Thermal conductivity | EN-10456:2007 | W/m·K | 1.3 |
| Thermal expansión coefficient | EN-14617-11 | x10 ⁶ °C ⁻¹ | 34 |
| Fire reaction | EN 13501-1:2007 | - | A2 _{fl,s1} / A2 _{s2,d0} |
| Adherence for cementitious adhesives | Based on EN-1348:2007 | N/mm ² | 1.00 |

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