

## TECHNICAL DATASHEET

### SILESTONE

**Name and Identification:**

Product: Silestone<sup>®</sup>

Code: Family VI

(Stellar Negro(\*), Stellar Rojo, Stellar Blanco, Stellar Marina, Stellar Eros, Stellar Grey, Stellar Cream)

(\*) 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 VI

| Test                                 | Standard              | UD                                | Values                                    |
|--------------------------------------|-----------------------|-----------------------------------|-------------------------------------------|
| Apparent density                     | EN-14617-1            | kg/m <sup>3</sup>                 | 2,304                                     |
| Water absorption                     | EN-14617-1            | %                                 | 0.05 W <sub>4</sub>                       |
| Flexural Strength                    | EN-14617-2            | MPa                               | 39.6 F <sub>3</sub>                       |
|                                      | Stad. desviation      | MPa                               | 2.3                                       |
|                                      | Lower spected value   | MPa                               | 34.9                                      |
| Resistance to impact                 | EN-14617-9            | cm/J                              | 36.0/3.5                                  |
| Resistance to abrasion               | EN-14617-4            | mm                                | 28.5 A <sub>4</sub>                       |
| Slip resistance (polish)             | EN-14231              | PSRV wet                          | 10                                        |
|                                      |                       | PSRV dry                          | 48                                        |
| Slip resistance (suede)              | EN-14231              | USRV wet                          | 10                                        |
|                                      |                       | USRV dry                          | 35                                        |
| Thermal shock resistance             | EN-14617-6            | % change in dinamic elastic mod.  | -13.6                                     |
|                                      |                       | % change in mass                  | -0.01                                     |
| Electric resistivity                 | EN-14617-13           | TΩ/m (1000V) volume               | 1.58                                      |
|                                      |                       | TΩ/m (1000V) surface              | 252                                       |
| Thermal conductivity                 | EN-10456:2007         | W/m·K                             | 1.3                                       |
| Thermal expansión coefficient        | EN-14617-11           | x10 <sup>6</sup> °C <sup>-1</sup> | 34                                        |
| Fire reaction                        | EN 13501-1:2007       | -                                 | A2 <sub>fl,s1</sub> / A2 <sub>s2,d0</sub> |
| Adherence for cementitious adhesives | Based on EN-1348:2007 | N/mm <sup>2</sup>                 | 0.80                                      |

**NOTE:** The N-B00ST Technology not affect the physical-mechanic properties of materials.