

## STATUARIO REALE - Technical specifications

ISO 13006 - EN 14411 - ISO 10545 Standards

|                                                              |                                          |
|--------------------------------------------------------------|------------------------------------------|
| Nominal sizes (cm): <b>160x320; 120x280; 120x120; 60x120</b> | Thickness (mm) : <b>6 ; 8.8 (60x120)</b> |
| Sides: <b>Rectified</b>                                      | Surface: <b>natural, polished</b>        |
|                                                              | Product Group: <b>Bla-UGL</b>            |

| Technical characteristics      |                       | Test method      | EN 14411 and ISO 13006 requirements            | Italcer Average values                                         |
|--------------------------------|-----------------------|------------------|------------------------------------------------|----------------------------------------------------------------|
| Dimensions                     | Length and width      | ISO 10545-2      | ±0.6% and ± 2.0mm<br>Rect. : ±0.3% and ± 1.0mm | Compliant                                                      |
|                                | Straightness of sides | ISO 10545-2      | ±0.5% and ± 1.5mm<br>Rect. : ±0.3% and ± 0.8mm | Compliant                                                      |
|                                | Rectangularity        | ISO 10545-2      | ±0.5% and ± 2.0mm<br>Rect. : ±0.3% and ± 1.5mm | Compliant                                                      |
|                                | Flatness              | ISO 10545-2      | ±0.5% and ± 2.0mm<br>Rect. : ±0.4% and ± 1.8mm | Compliant                                                      |
|                                | Thickness             | ISO 10545-2      | ±5% and ± 0.5mm                                | Compliant                                                      |
| Water absorption               |                       | ISO 10545-3      | ≤ 0.5%                                         | Compliant                                                      |
| Modulus of rupture             |                       | ISO 10545-4      | ≥ 35 N/mm <sup>2</sup>                         | Compliant                                                      |
| Breaking strength (S)          |                       | ISO 10545-4      | ≥ 7,5 mm = ≥1300 N<br><7 mm = ≥700 N           | Compliant                                                      |
| Deep Abrasion resistance       |                       | ISO 10545-6      | ≤175 mm <sup>3</sup>                           | Compliant                                                      |
| Linear thermal expansion       |                       | ISO 10545-8      | Declared value                                 | $\alpha \leq 7.1 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$ |
| Thermal shock resistance       |                       | ISO 10545-9      | No alterations                                 | Resistant                                                      |
| Frost resistance               |                       | ISO 10545-12     | No alterations                                 | Resistant                                                      |
| Chemical resistance            |                       | ISO 10545-13     | Declared value                                 | LA – HA                                                        |
| Household chemicals resistance |                       | ISO 10545-13     | B min.                                         | Resistant                                                      |
| Stain resistance               |                       | ISO 10545-14     | Class 3 min.                                   | Resistant                                                      |
| Slip Resistance                |                       | DIN 51130        | Declared value                                 | R10 (8.8 natural)                                              |
|                                |                       | DIN 51097        | Declared value                                 | A (8.8 natural)                                                |
|                                |                       | ANSI A326.3:2021 | Declared value                                 | > 0.42 (Natural)                                               |
| Shade variation                |                       | ANSI A 137.1     | Not required                                   | V2                                                             |
| Fire reaction                  |                       | UNI EN 13501-1   | -                                              | A1 <sub>FL</sub> class                                         |
| Thermal Conductivity           |                       | EN 12524         | Not required                                   | $\lambda = 1.3 \text{ W/m}^{\circ}\text{K}$                    |
| Light and colour fastness      |                       | DIN 51094        | Not required                                   | No variations                                                  |