

## HONEY WOOD - Technical specifications

ISO 13006 - EN 14411 - ISO 10545 Standards

|                                                                                           |                                                 |
|-------------------------------------------------------------------------------------------|-------------------------------------------------|
| Nominal sizes (cm): <b>7.5x40.7;15x85(Chevron); 20x120; 30x120; 24x240;40x240; 40x120</b> | Thickness (mm): <b>6 ;8.8; 9.5(chevron) ;20</b> |
| Sides: <b>Rectified, natural</b>                                                          | Surface: <b>natural</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    | ≥ 1300 N                                       | 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.                                         | Compliant                                                      |
| Stain resistance               |                       | ISO 10545-14   | Class 3 min.                                   | Compliant                                                      |
| Mohs Hardness                  |                       | UNI EN 101     | 5 Min.                                         | Compliant                                                      |
| Slip Resistance                |                       | DIN 51130      | Declared value                                 | R10 (8.8 e 9.5); R11 (out)                                     |
|                                |                       | DIN 51097      | Declared value                                 | B (8.8 e 9.5); C (out)                                         |
|                                |                       | ANSI A137.1    | Declared value                                 | > 0.42                                                         |
| 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                                                  |

Rubiera, April 17, 2025

Italcer Quality Department