# DREAM - Technical specifications

ISO 13006 - EN 14411 - ISO 10545 Standards

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|---|---|
| Nominal sizes (cm): **7.5x40.7(Chevron); 15x85 (Chevron); 20x120; 23,4x148; 24X150; 30x120** | Thickness (mm) : **8.5 ; 9.5 (15x85)** |
| Sides: **natural (7.5x40.7; 15x85; 24x150) Rectified (20x120 ; 30x120 ; 23,4x148)** | Surface: **natural** |
| | Product Group: **BIa-GL** |

| **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 | Compliant |
| | Straightness of sides | ISO 10545-2 | ±0.5% and ± 1.5mm | Compliant |
| | Rectangularity | ISO 10545-2 | ±0.5% and ± 2.0mm | Compliant |
| | Flatness | ISO 10545-2 | ±0.5% and ± 2.0mm | Compliant |
| | Thickness | ISO 10545-2 | ±5% and ± 0.5mm | Compliant |
| Water absorption | | ISO 10545-3 | ≤ 0.5% | <0.1% |
| Modulus of rupture | | ISO 10545-4 | ≥ 35 $N/mm^2$ | >45 $N/mm^2$ |
| Breaking strength (S) | | ISO 10545-4 | ≥ 1300 N<br>≥ 700 N (15x61 slim) | Compliant |
| Abrasion resistance | | ISO 10545-7 | Declared class | PEI 5 (Ivory), PEI 4 (Havana, Ecrù, Honey), PEI 3 (nut) |
| Linear thermal expansion | | ISO 10545-8 | Declared value | $\alpha \leq 7.1x10^{-6}\ °C^{-1}$ |
| 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. | A |
| Stain resistance | | ISO 10545-14 | Class 3 min. | 5 |
| Mohs Hardness | | UNI EN 101 | 5 Min. | 7 |
| Slip Resistance | | DIN 51130 | Declared value | R9 |
| | | DIN 51097 | Declared value | A |
| | | ANSI A137.1 | Declared value | >0.42 |
| | | B.C.R.A. Rep. CEC/81 | Declared value | / |
| | | BS 7976 | Declared value | Dry/Wet : >36/ 25<x<35 |
| Shade variation | | ANSI A 137.1 | Not required | V3 |
| Fire reaction | | UNI EN 13501-1 | - | $A1_{FL}$ class |
| Thermal Conductivity | | EN 12524 | Not required | $\lambda$ = 1.3 W/m·°K |
| Light and colour fastness | | DIN 51094 | Not required | No variations |

Rubiera, May 07 2026

Italcer Quality Department