

| TEST (*) | STANDARD | DETERMINATION | Units. | FINISHES | | | | |
|--|--------------|---|-------------------------------------|---------------------|----------------------|------------------------------|---------------|---------------|
| | | | | Silk ⁽³⁾ | Satin ⁽⁴⁾ | Decorpolished ⁽⁵⁾ | Ultrasoft | Riverwashed |
| Dimensions and Surface Appearance Determination | ISO 10545-2 | Thickness ⁽¹⁾ | mm | ± 0,5 (5%) | ± 0,5 (5%) | ± 0,5 (5%) | ± 0,5 (5%) | ± 0,5 (5%) |
| | | Slab Width Flatness Tolerance | mm | ± 2 (0,1%) | ± 2 (0,1%) | ± 2 (0,1%) | ± 2 (0,1%) | ± 2 (0,1%) |
| | | Slab Length Flatness Tolerance | mm | ± 4 (0,1%) | ± 4 (0,1%) | ± 4 (0,1%) | ± 4 (0,1%) | ± 4 (0,1%) |
| | | Slab Dimensional Tolerance ⁽²⁾ | mm | ± 2 (0,6%) | ± 2 (0,6%) | ± 2 (0,6%) | ± 2 (0,6%) | ± 2 (0,6%) |
| Water Absorbtion | ISO 10545-3 | Boiling Absorption ⁽¹⁾ | % | 0,01-0,1 | 0,01-0,1 | 0,01-0,1 | 0,01-0,1 | 0,01-0,1 |
| | | Apparent Density | gr/cm ³ | 2,4 (±5%) | 2,4 (±5%) | 2,4 (±5%) | 2,4 (±5%) | 2,4 (±5%) |
| Impact Resistance | ISO 10545-5 | Coefficient of Restitution | - | 0,8 | 0,8 | 0,6 | 0,8 | 0,8 |
| Resistance to Deep Abrasion | ISO 10545-6 | Lost Volume | mm ³ | - | 130 | - | - | - |
| Resistance to surface abrasion | ISO 10545-7 | Visual Appearance | Class | PEI IV | PEI IV | PEI III | PEI III | PEI IV |
| Coefficient of Linear Thermal Expansion | ISO 10545-8 | From 25°C to 100°C | 10 ⁻⁶ . °C ⁻¹ | 5,7 | 5,7 | 5,7 | 5,7 | 5,7 |
| Thermal Shock Resistance | ISO 10545-9 | Damage | - | Not Damaged | Not Damaged | Not Damaged | Not Damaged | Not Damaged |
| Moisture Expansion | ISO 10545-10 | Coefficient of Dilatation | mm/m | < 0,1 | < 0,1 | < 0,1 | < 0,1 | < 0,1 |
| Frost Resistance | ISO 10545-12 | Damage | - | Not Damaged | Not Damaged | Not Damaged | Not Damaged | Not Damaged |
| Chemical Resistance | ISO 10545-13 | Cleaning Products | Class | GA | UA | GA | GA | GA |
| | | Pool Chemicals | Class | GA | UA | GA | GA | GA |
| | | Low Concentrations | Class | GLA | ULA | GLB | GLA | GLA |
| | | High Concentrations | Class | GHA | UHA | GHB | GHA | GHA |
| Stain Resistance | ISO 10545-14 | Visual Appearance | Class | 5 | 5 | 5 | 4 | 5 |
| Lead and Cadmium Release | ISO 10545-15 | Lead Concentration | mg/dm ² | <0,01 | <0,01 | <0,01 | <0,01 | <0,01 |
| | | Cadmium Concentration | mg/dm ² | <0,001 | <0,001 | <0,001 | <0,001 | <0,001 |
| Light Fastness | DIN 51094 | Chromatic Change | - | No Change | No Change | No Change | No Change | No Change |

(1) Non-mesh slabs

(2) Cut to size format slabs

(3) Slate

(4) Iron, Steel touch

(5) Nanotech

(*) Slippery test according to CE certificate

| TEST | STANDARD | DETERMINATION | Units | Thickness | | | |
|-------------------------|-------------|--------------------|------------------------|-----------|-------|-------|--------|
| | | | | 6 | 6+ | 12 | 20 |
| Weight | - | - | kg/m ² (**) | 14,4 | 14,8 | 28,8 | 48,0 |
| Bending Strength | ISO 10545-4 | Breaking Strength | N | >1100 | >1100 | >5000 | >15000 |
| | | Modulus of Rupture | N/mm ² | >45 | >45 | >45 | >45 |

(**) ±5%