

PRODUCT SPECIFICATION

Deluxe Onyx Marble Effect Porcelain Tile Range

Technical features - compliant with standards EN 14411 (ISO 13006) annex UGL group Bia

| | Technical Features | Ref. | Required Standards | Average Value |
|---------------------------------------|-----------------------------------|--------------|--------------------------------|--|
| Regularity Characteristics | Dimensions of sides | ISO 10545-2 | $\pm 0.60\%^*$ | Conforms |
| | Thickness | | $\pm 5.00\%$ | Conforms |
| | Straightness | | $\pm 0.50\%$ | Conforms |
| | Squareness | | $\pm 0.60\%$ | Conforms |
| | Flatness | | $\pm 0.50\%$ | Conforms |
| Structural Characteristics | Water Absorption | ISO 10545-3 | $\leq 0.5\%$ | $\leq 0.06\%$ |
| Bulk Mechanical Characteristics | Breaking Strength | ISO 10545-4 | $S \geq 1300 \text{ N}$ | Conforms |
| | Modulus of Rupture | | $R \geq 35 \text{ N/mm}^2$ | Conforms |
| Surface Mechanical Characteristics | Deep Scratch Resistance | ISO 10545-6 | $\leq 175 \text{ mm}^3$ | 142 mm^3 |
| Thermal & Hygrometric Characteristics | Linear Heat Expansion Coefficient | ISO 10545-8 | Declared Value | $6.5 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ |
| | Frost Resistance | ISO 10545-12 | Required | Resistant |
| Safety characteristics | Slip Resistance | BS 7976-2 | Slip Resistant (≥ 0.36) | NPD |
| | Non-slip classification | DIN 51130 | Based on the environment | NPD |
| Chemical Characteristics | Chemical Resistance | ISO 10545-13 | Class UB Minimum | Conforms |
| | Resistance to stains | ISO 10545-14 | Declared value | Class 5 |