

EST / 1989
MANDARIN STONE

PRODUCT SPECIFICATION

SHERBOURNE RANGE PORCELAIN

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

| Technical Features | Reference | Required Standards | Average Value |
|-------------------------------------|-----------------------|--------------------------------|--|
| 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 |
| Water Absorption | ISO 10545-3 | $\leq 0.50\%$ | 0.05% |
| Breaking Strength (10mm) | ISO 10545-4 | $S \geq 1300 \text{ N}$ | 2500 N |
| Breaking Strength (11mm) | | | 3000 N |
| Breaking Strength (20mm) | | | 13600 N |
| Modulus of Rupture | | $R \geq 35 \text{ N/mm}^2$ | 50 N/mm ² |
| Deep Scratch Resistance | ISO 10545-6 | $\leq 175 \text{ mm}^3$ | 145 mm ³ |
| Linear Heat Expansion Coefficient | ISO 10545-8 | Declared Value | $\alpha \leq 7 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ |
| Frost Resistance | ISO 10545-12 | Required | Resistant |
| Slip resistance (10, 11 & 20mm) | BS EN 7976-2 | Slip Resistant (≥ 0.36) | NPD |
| Non-slip classification (10 & 11mm) | DIN 51130 | Declared Value | RI0 |
| Non-slip classification (20mm) | DIN 51130 & DIN 51097 | | RIIC |
| Chemical Resistance | ISO 10545-13 | Declared value | LA-HA |
| Resistance to stains | ISO 10545-14 | Declared value | Class 5 |