



Technical Specification

| TECHNICAL FEATURES GLAZED FINE PORCELAIN STONEWARE - ISO 13006 BIa GL | | | | |
|---|---|-----------------------------------|--|-----------------|
| | Physical / Chemical Properties | Standard of Test | Mean Value | |
| | Dimensions | ISO 10545-2 | | |
| | Length and Width | | W | $\pm 0.6\%$ max |
| | | | 10 test | $\pm 0.5\%$ max |
| | Thickness | | $\pm 5\%$ max | |
| | Straightness of Sides | | $\pm 0.5\%$ max | |
| | Rectangularity | | $\pm 0.6\%$ max | |
| | Surface Flatness | ISO 10545-2 | $\pm 0.5\%$ max | |
| ASTM C 485 | | Warpage diagonal/edge $\pm 0.4\%$ | | |
| | Water absorption | ISO 10545-3 | $E \leq 0.5\%$ BIa GL | |
| | Frost resistance | ISO 10545-12 | Frost Proof | |
| | Resistance to thermal shock | ISO 10545-9 | Resistant | |
| | Linear thermal expansion coefficient (50°/400°) | ISO 10545-8 | Test Method Available | |
| | Crazing resistance of glazed tiles | ISO 10545-11 | Resistant | |
| | Scratch Hardness (MOHS scale) | EN 101 | MOHS 6.5 | |
| | Resistance to surface abrasion of glazed tiles | ISO 10545-7 | Class 4 | |
| | Resistance to household chemicals | ISO 10545-13 | Class GA | |
| | Resistance to low concentrations of acids and bases | | Class GLA | |
| | Resistance to stains of glazed tiles | ISO 10545-14 | Class 5 | |
| | Bending strength | ISO 10545-4 | $R \leq 35 \text{ N/mm}^2$ | |
| | | | $S \geq 1300 \text{ N}$ | |
| | Anti-slip properties | DIN 51130 (NO LAPP) | R10 | |
| | | ASTM C 1028 (NO LAPP) | DRY: $\mu \geq 0.70$ WET: $\mu \geq 0.60$ | |
| | | B.C.R.A. REP. CEC. 6/81 (NO LAPP) | $0.40 \geq \mu \geq 0.74$ | |
| | | DIN 51097 | Class B | |
| | | DCOF Acu Test | $\mu \geq 0.42$ | |