

























9 mm / GLAZED PORCELAIN STONEWARE















| | E.N. 14411-ISO 13006 . Appendix G. Group BIa. GL | Test method | Reference value | Declared value |
|---|---|----------------------|---|--|
|  | Dynamic coefficient of friction (ANSI A 326.3 2021) | DCOF | >0,42 wet | > 0,42 wet |
|  | Barefoot slip resistance | DIN-EN-16165-ANNEX-A | - | Cl. A+B MATTE |
|  | Barefoot slip resistance | DIN-EN-16165-ANNEX-A | - | Cl. A+B+C GRIP |
|  | Slip resistance with shoes | DIN-EN-16165-ANNEX-B | - | R10 MATTE |
|  | Slip resistance with shoes | DIN-EN-16165-ANNEX-B | - | R12 GRIP |
|  | Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions | ISO-10545-2 | Squadrato ISO 13006 - $\pm 0,3\%$ (± 1 mm) | $\pm 0,15\%$ |
|  | Maximum right-angle deviation, in %, in relation to the corresponding production dimensions | ISO-10545-2 | Squadrato ISO 13006 - $\pm 0,3\%$ ($\pm 1,5$ mm) | $\pm 0,2\%$ |
|  | Flatness (centre curvature / edge curvature / warpage) | ISO-10545-2 | Squadrato ISO 13006 - $\pm 0,4\%$ ($\pm 1,8$ mm) | $\pm 0,35\%$ |
|  | Maximum straightness deviation, in %, in relation to the corresponding production dimensions | ISO-10545-2 | Squadrato ISO 13006 - $\pm 0,3\%$ ($\pm 0,8$ mm) | $\pm 0,1\%$ |
|  | Admitted deviation, in %, of the average thickness of each tile from the production dimensions | ISO-10545-2 | $\pm 5\%$ ($\pm 0,5$ mm) | $\pm 5\%$ |
|  | Surface quality | ISO-10545-2 | Il 95% min delle piastrelle deve essere esente da difetti visibili / At least 95% of the tiles must be free from visible flaws / 95% min des carreaux ne doivent présenter aucun défaut visible / Mindestens 95% der Fliesen müssen frei von sichtbaren / mín. el 95% de las baldosas tiene que estar exento de defectos visibles | CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / COOTBETCTBYET |
|  | Amount of water absorbed, in percentage | ISO-10545-3 | $E \leq 0,5\%$ | average value 0,08% |
|  | Bending strength in N/mm ² | ISO-10545-4 | >35 N/mm ² | average value 50 N/mm ² |
|  | Breaking strength in N (thickness $\geq 7,5$ mm) | ISO-10545-4 | ≥ 1300 Newton | average value 2200 N |

| | | | | |
|---|---|--------------|---|--|
|  | Resistance to abrasion of glazed tiles | ISO-10545-7 | Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante | Cl. 2 (Worked Charcoal) |
|  | Resistance to abrasion of glazed tiles | ISO-10545-7 | Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante | Cl. 4 |
|  | Thermal shock resistance | ISO-10545-9 | - | RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ |
|  | Glaze crazing resistance | ISO-10545-11 | Richiesta / Required / Requisite / Gefordert / Requerida | RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ |
|  | Frost resistance | ISO-10545-12 | Richiesta / Required / Requisite / Gefordert / Requerida | RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ |
|  | Resistance to low concentrations of acids and alkali | ISO-10545-13 | Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante | GLA GRIP |
|  | Resistance to low concentrations of acids and alkali | ISO-10545-13 | Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante | GLA-GLB MATTE |
|  | Resistance to domestic chemicals and additives for swimming pools | ISO-10545-13 | GB minimo / GB minimum / GB minimum / GB mindestens / GB mínimo | GA |
|  | Resistance to staining | ISO-10545-14 | classe 3 minimo / class 3 minimum / classe 3 minimum / klasse 3 mindestens / classe 3 mínimo | Cl. 4-5 MATTE |
|  | Resistance to staining | ISO-10545-14 | classe 3 minimo / class 3 minimum / classe 3 minimum / klasse 3 mindestens / classe 3 mínimo | Cl. 4 GRIP |

Note:





For optimal installation results, Florim recommends maintaining a joint of 2 mm 1/12" for single format installations and 3 mm 1/8" to combine mixed formats.

20 mm / FINE PORCELAIN STONEWARE

| | E.N. 14411-ISO 13006 . Appendix G. Group BIa. UGL | Test method | Reference value | Declared value |
|---|---|--------------------------|---|--|
|  | Barefoot slip resistance | DIN-EN-16165- ANNEX-A | - | Cl. A+B |
|  | Slip resistance with shoes | DIN-EN-16165- ANNEX-B | - | R11 |
|  | Surface quality | ISO-10545-2 | Il 95% min delle piastrelle deve essere esente da difetti visibili / At least 95% of the tiles must be free from visible flaws / 95% min des carreaux ne doivent présenter aucun défaut visible / Mindestens 95% der Fliesen müssen frei von sichtbaren / mín. el 95% de las baldosas tiene que estar exento de defectos visibles | CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / COOTBETCTBYET |
|  | Maximum right-angle deviation, in %, in relation to the corresponding production dimensions | ISO-10545-2 | Squadrato ISO 13006 - $\pm 0,3\%$ ($\pm 1,5$ mm) | $\pm 0,2\%$ |
|  | Maximum straightness deviation, in %, in relation to the corresponding production dimensions | ISO-10545-2 | Squadrato ISO 13006 - $\pm 0,3\%$ ($\pm 0,8$ mm) | $\pm 0,1\%$ |
|  | Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions | ISO-10545-2 | Squadrato ISO 13006 - $\pm 0,3\%$ (± 1 mm) | $\pm 0,15\%$ |
|  | Flatness (centre curvature / edge curvature / warpage) | ISO-10545-2 | Squadrato ISO 13006 - $\pm 0,4\%$ ($\pm 1,8$ mm) | $\pm 0,35\%$ |
|  | Admitted deviation, in %, of the average thickness of each tile from the production dimensions | ISO-10545-2 | $\pm 5\%$ ($\pm 0,5$ mm) | $\pm 5\%$ |
|  | Amount of water absorbed, in percentage | ISO-10545-3 | $E \leq 0,5\%$ | average value 0,08% |
|  | Bending strength in N/mm ² | ISO-10545-4 | > 35 N/mm ² | average value 52 N/mm ² |
|  | Breaking strength in N (thickness $\geq 7,5$ mm) | ISO-10545-4 | ≥ 1300 Newton | average value 14000 N |
|  | Resistance to deep abrasion of unglazed tiles | ISO-10545-6 | < 175 mm ³ | average value 140 mm ³ |
|  | Thermal shock resistance | ISO-10545-9 | - | RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ |
|  | Frost resistance | ISO-10545-12 | Richiesta / Required / Requite / Gefordert / Requerida | RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ |

Resistance to domestic chemicals and

GB minimo / GB minimum / GB

| | | | | |
|---|---|--------------|---|-------|
|  | additives for swimming pools | ISO-10545-13 | minimum / GB mindestens / GB minimo | UA |
|  | Resistance to high concentrations of acids and alkali | ISO-10545-13 | Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante | UHA |
|  | Resistance to low concentrations of acids and alkali | ISO-10545-13 | Come dichiarato dal produttore / See manufacturer's declaration / Selon déclaration du producteur / Entsprechend der Herstellerangaben / Tal como declara el fabricante | ULA |
|  | Resistance to staining | ISO-10545-14 | classe 3 minimo / class 3 minimum / classe 3 minimum / klasse 3 mindestens / classe 3 mínimo | Cl. 4 |

Note:

For optimal installation results, Florim recommends maintaining a joint of 2 mm 1/12" for single format installations and 3 mm 1/8" to combine mixed formats.

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 Sede Legale: Via Canaletto 24, 41042 Fiorano Modenese.
 Reg. Imprese di Modena Nr. 01265320364.
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