





















## 10,00 mm / FINE PORCELAIN STONEWARE

|   | Reference standard E.N. 14411-ISO 13006 .<br>Appendix G. Group BIa. UGL                                     | Test method  | Reference value   | Declared value  |
|---|---|--------------|---|---|
|    | Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions | ISO-10545-2  | Squadrato ISO 13006 - $\pm 0,3\%$ ( $\pm 1$ mm)   | $\pm 0,15\%$  |
|    | Admitted deviation, in %, of the average thickness of each tile from the production dimensions              | ISO-10545-2  | $\pm 5\%$ ( $\pm 0,5$ mm)   | $\pm 5\%$   |
|    | Maximum straightness deviation, in %, in relation to the corresponding production dimensions                | ISO-10545-2  | Squadrato ISO 13006 - $\pm 0,3\%$ ( $\pm 0,8$ mm)   | $\pm 0,1\%$   |
|    | 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)   | $\pm 0,35\%$  |
|   | 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%   |
|  | Resistance to deep abrasion of unglazed tiles   | ISO-10545-6  | $< 175$ mm <sup>3</sup>   | average value 140   |
|  | Thermal shock resistance  | ISO-10545-9  | -   | RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ          |
|  | Frost resistance  | ISO-10545-12 | Richiesta / Required / Requisite / Gefordert / Requerida  | RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ          |
|  | 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 domestic chemicals and additives for swimming pools   | ISO-10545-13 | UB minimo / UB minimum / UB minimum / UB mindestens / UB minimo   | UA  |

|  |   |                |                       |                                    |
|--|---|----------------|-----------------------|------------------------------------|
|   | Resistance to staining  | ISO-10545-14   | -                     | 4                                  |
|   | Slip resistance with shoes                                      | DIN-51130:2010 | -                     | R9<br>SOFT                         |
|   | Slip resistance with shoes                                      | DIN-51130:2010 | -                     | R11<br>MATTE                       |
|   | Barefoot slip resistance  | DIN-51097      | -                     | Cl. A+B+C<br>MATTE                 |
|   | Bending strength in N/mm <sup>2</sup>                           | ISO-10545-4    | >35 N/mm <sup>2</sup> | average value 50 N/mm <sup>2</sup> |
|   | Breaking strength in N (thickness >= 7,5 mm)                    | ISO-10545-4    | ≥1300 Newton          | average value 3200 N               |
|  | Dynamic coefficient of friction (section 9.6 ANSI A 137.1 2012) | DCOF           | >0,42 wet             | >0,42 wet                          |

**Notes:**






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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Floor Gres / Walks/1.0

**20,00 mm / FINE PORCELAIN STONEWARE**

|   | Reference standard E.N. 14411-ISO 13006 .<br>Appendix G. Group BIa. UGL                                     | Test method | Reference value                       | Declared value |
|---|---|-------------|---------------------------------------|----------------|
|  | Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions | ISO-10545-2 | Squadrato ISO 13006 - ±0,3% (±1 mm)   | ± 0,15%        |
|  | Admitted deviation, in %, of the average thickness of each tile from the production dimensions              | ISO-10545-2 | ±5% (±0,5 mm)                         | ± 5%           |
|  | Maximum straightness deviation, in %, in relation to the corresponding production dimensions                | ISO-10545-2 | Squadrato ISO 13006 - ±0,3% (±0,8 mm) | ± 0,1%         |
|  | Maximum right-angle deviation, in %, in relation to the corresponding production dimensions                 | ISO-10545-2 | Squadrato ISO 13006 - ±0,3% (±1,5 mm) | ± 0,2%         |
|  | Flatness (centre curvature / edge curvature / warpage)  | ISO-10545-2 | Squadrato ISO 13006 - ±0,4% (±1,8 mm) | ± 0,35%        |

|   |   |                |   |   |
|---|---|----------------|---|---|
|    | 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≤0,5%  | average value 0,08%   |
|    | Resistance to deep abrasion of unglazed tiles                     | ISO-10545-6    | <175 mm <sup>3</sup>  | average value 140   |
|    | Thermal shock resistance  | ISO-10545-9    | -   | RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ          |
|    | Frost resistance  | ISO-10545-12   | Richiesta / Required / Requisite / Gefordert / Requerida  | RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ          |
|   | 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 domestic chemicals and additives for swimming pools | ISO-10545-13   | UB minimo / UB minimum / UB minimum / UB mindestens / UB minimo   | UA  |
|  | Resistance to staining  | ISO-10545-14   | -   | 4   |
|  | Slip resistance with shoes  | DIN-51130:2010 | -   | R11   |
|  | Barefoot slip resistance  | DIN-51097      | -   | Cl. A+B+C   |
|  | Breaking strength in N (thickness ≥ 7,5 mm)                       | ISO-10545-4    | ≥1300 Newton  | average value 14000 N   |
|  | Bending strength in N/mm <sup>2</sup>                             | ISO-10545-4    | >35 N/mm <sup>2</sup>   | average value 52 N/mm <sup>2</sup>                                    |
|  | Dynamic coefficient of friction (section 9.6 ANSI A 137.1 2012)   | DCOF           | >0,42 wet   | >0,42 wet   |

Notes:

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.

Ceramic tiles undergo a compacting thermal treatment that ensures resistance and durability. The low level of water absorption makes the slabs frost resistant. This could result in superficial water stagnations even if materials are installed in a workmanlike manner.

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