# ICONIC LIFE / FLORIM

Fine porcelain stoneware
Rectified

**6 mm** 2/8"

Technical features

| Dry-pressed ceramic tiles. Quality specifications, according to control tests of EN 14411-ISO 13006 Appendix G group Bla UGL | | | Standard requirements N ≥ 15 cm | | Test results | | Reference standard |
|---|---|---|---|---|---|---|---|
| | | | (%) | (mm) | GLOSSY | MATTE SILK | |
| | Lenght and with: deviation of the average size for each tile from the work size | Squadrato ISO 13006 | ± 0,3% | ± 1 mm | ± 0,15% | | ISO 10545-2 |
| | Thickness: deviation of the average thickness of each tile form the work size thickness | Squadrato ISO 13006 | ± 5% | ± 0,5 mm | ± 5% | | |
| | Straightness: maximum deviation to the corresonding work sizes | Squadrato ISO 13006 | ± 0,3% | ± 0,8 mm | ± 0,10% | | |
| | Orthogonality: permissible deviation in relation to the corresponding manufacturing dimensions | Squadrato ISO 13006 | ± 0,3% | ± 1,5 mm | ± 0,20% | | |
| | Flatness: center curvature, edge curvature, and warpage in relation to the corresponding manufacturing dimensions | Squadrato ISO 13006 | ± 0,4% | ± 1,8 mm | 0.2% | | |
| | Surface quality | A minimun of 95% of the tiles are to be free from visible defects | | | Compliant | | |
| | Water absorption, percent mass fraction | ≤ 0,5% | | | Average value 0,08% | | ISO 10545-3 |
| | Breaking strength in N (thickness < 7.5 mm) | ≥ 700 | | | Average value 1350 N | | ISO 10545-4 |
| | Bending strength in $N/mm^2$ | ≥ 35 | | | Average value 52 $N/mm^2$ | | |
| | Resistance to deep abrasion | ≤ 175 $mm^3$ | | | Average value 140 $mm^3$ | | ISO 10545-6 |
| | Thermal shock resistance | Available testing method | | | Resistant | | ISO 10545-9 |
| | Resistance to staining | Available testing method | | | Class 5 | | ISO 10545-14 |
| | Resistance to low concentrations of acids and alkali | See manufacturer's declaration | | | LB | | ISO 10545-13 |
| | Resistance to high concentrations of acids and alkali | Available testing method | | | HB | | |
| | Resistance to household chemicals and swimming pool salts | Minimum class B | | | A | | |
| | Frost resistance | Required | | | Resistant | | ISO 10545-12 |
| Pb Cd | Release of hazardous substances | Declared value for GL surfaces intended for countertop applications | | | Compliant | | DM 1-2-2007 Reg. CE 1935-2004 |
| | Dynamic coefficient of friction | See manufacturer's declaration | | | - | > 0,40 | METODO BCRA |

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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# ICONIC LIFE / FLORIM

Fine porcelain stoneware
Rectified

**9 mm** 3/8"

Technical features

| Dry-pressed ceramic tiles. Quality specifications, according to control tests of EN 14411-ISO 13006 Appendix G group Bla UGL | | Standard requirements | | Test results | | | Reference standard |
|---|---|---|---|---|---|---|---|
| | | N ≥ 15 cm | | | | | |
| | | (%) | (mm) | GLOSSY | MATTE | GRIP | |
| Lenght and with: deviation of the average size for each tile from the work size | Squadrato ISO 13006 | ± 0,3% | ± 1 mm | ± 0,15% | | | ISO 10545-2 |
| Thickness: deviation of the average thickness of each tile form the work size thickness | Squadrato ISO 13006 | ± 5% | ± 0,5 mm | ± 5% | | | |
| Straightness: maximum deviation to the corresonding work sizes | Squadrato ISO 13006 | ± 0,3% | ± 0,8 mm | ± 0,10% | | | |
| Orthogonality: permissible deviation in relation to the corresponding manufacturing dimensions | Squadrato ISO 13006 | ± 0,3% | ± 1,5 mm | ± 0,20% | | | |
| Flatness: center curvature, edge curvature, and warpage in relation to the corresponding manufacturing dimensions | Squadrato ISO 13006 | ± 0,4% | ± 1,8 mm | 0.35% | | | |
| Surface quality | A minimun of 95% of the tiles are to be free from visible defects | | | Compliant | | | |
| Water absorption, percent mass fraction | ≤ 0,5% | | | Average value 0,08% | | | ISO 10545-3 |
| Breaking strength in N (thickness < 7.5 mm) | ≥ 1300 | | | Average value 2200 N | | | ISO 10545-4 |
| Bending strength in $N/mm^2$ | ≥ 35 | | | Average value 50 $N/mm^2$ | | | |
| Resistance to deep abrasion | ≤ 175 $mm^3$ | | | Average value 140 $mm^3$ | | | ISO 10545-6 |
| Thermal shock resistance | Available testing method | | | Resistant | | | ISO 10545-9 |
| Resistance to staining | Available testing method | | | Class 5 | | | ISO 10545-14 |
| Resistance to low concentrations of acids and alkali | See manufacturer's declaration | | | LB | LA | | ISO 10545-13 |
| Resistance to high concentrations of acids and alkali | Available testing method | | | HB | HA | | |
| Resistance to household chemicals and swimming pool salts | Minimum class B | | | A | | | |
| Frost resistance | Required | | | Resistant | | | ISO 10545-12 |
| Dynamic coefficient of friction | See manufacturer's declaration | | | - | ≥ 0,42 wet | | ANSI-A326.3 |
| | See manufacturer's declaration | | | - | > 0,40 | | METODO BCRA |
| Shod ramp slipperiness | See manufacturer's declaration | | | - | R9 (6° < α ≤ 10°) | R11 (19° < α ≤ 27°) | DIN EN 16165 ANNEX B |
| Barefoot ramp slipperiness | See manufacturer's declaration | | | - | | Class C (α > 24°) | DIN EN 16165 ANNEX A |
| Pendulum test slipperiness | See manufacturer's declaration | | | - | | PTV > 36 (slider 96) | BS EN 16165 ANNEX C |

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