


















12 mm / Porcelain Tile with glass fibre mat backing

| | Test method | Reference value | Declared value |
|---|------------------------------|---|---|
| Compression strength | ASTM-C170M-16 | Carico di rottura a compressione su campioni di misura 12x12x12 mm / Breaking load on 12x12x12 mm samples / Charge de rupture à la compression sur des échantillons de dimensions 12x12x12 mm / Zugfestigkeit bei Druck auf Mustern mit den Abmessungen 12x12x12 mm / Carga de rotura por compresión en muestras de 12 x 12 x 12 mm. / Разрушающая нагрузка при сжатии образцов размером 12x12x12 мм. | Tensione a rottura 527,9 Mpa deformazione campioni 0,86mm / Tensile strength 527.9 Mpa sample deformation 0.86 mm. / Tension à la rupture 527,9 Mpa déformation échantillons 0,86 mm. / Bruchspannung 527,9 MPa / Verformung der Muster 0,86 mm. / Tensión de rotura 527,9 Mpa, deformación muestras 0,86 mm. / Разрушающее напряжение 527,9 МПа, деформация образцов 0,86 мм. |
| Fungal resistance | ASTM-G-21-15 | Contatto per 28 giorni con diversi ceppi fungini / Contact for 28 days with a variety of fungal strains / Contact pendant 28 jours avec différentes souches fongiques / 28 Tage Kontakt mit verschiedenen Pilzarten / Contacto durante 28 días con diferentes cepas de hongos / Контакт с разными видами грибов в течение 28 дней. | Nessuna crescita fungina in superficie / No growth on the surface / Aucun développement fongique en surface / Kein Pilzwachstum auf der Oberfläche / Ningún crecimiento de hongos en la superficie / Полное отсутствие роста грибов на поверхности |
|  Dynamic coefficient of friction (ANSI A 326.3 2021) | DCOF | >0,42 wet | >0,42 wet Matte |
|  Colours resistance to fading | DIN-51094 | - | CONFORME / CONFORMING / CONFORME / KONFORM / CONFORME / COOTBETCTBYET |
|  Release of hazardous substances | DM-1-2-2007-Reg-CE-1935-2004 | Valore dichiarato per superfici gl con impieghi su piani di lavoro / Declared value for gl surfaces used on worktops / valeur déclarée Pour surfaces gl utilisées sur plans de travail / angegebenener wert für Gl oberflächen zum gebrauch als arbeitsplatten / valor declarado Para acabados gl utilizados para superficies de trabajo / заявленное Значение для глазурованных поверхностей, с использованием на рабочих столах | Cl. A+ |
| Impact resistance | ISO 14617-9 | - | average value 3,03 J |
| Flatness (centre curvature / edge curvature / warpage) | ISO-10545-2 | Squadrato ISO 13006 - ±0,4% (±1,8 mm) | ± 0,35% |

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|---|--|----------------------|---|---|--|
|  | | | | | |
|  | Admitted deviation, in %, of the average thickness of each tile from the production dimensions | ISO-10545-2 | ±5% (±0,5 mm) | ± 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≤0,5% | average value 0,08% | |
|  | Bending strength in N/mm2 | ISO-10545-4 | >35 N/mm2 | average value 53 N/mm2* | |
|  | Breaking strength in N (thickness >= 7,5 mm) | ISO-10545-4 | ≥1300 Newton | average value 5000 N* | |
|  | Coefficient of restitution | ISO-10545-5 | - | average value 0,91 - no surface damage | |
|  | Resistance to deep abrasion of unglazed tiles | ISO-10545-6 | <175 mm3 | average value 140 mm3 | |
|  | Thermal shock resistance | ISO-10545-9 | - | RESISTE / RESISTANT / RÉSISTE / ERFÜLLT / RESISTE / УСТОЙЧИВ | |
| | Moisture expansion | ISO-10545-10 | Valore dichiarato/ Declared value / Valeur déclarée / Erklärter Wert / Valor declarado / Заявленное значение | 0,1 mm/m | |
|  | 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 | ULA-ULB Matte | |
|  | 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 | - | Cl. 5 Matte | |
|  | Determinazione della cessione di piombo e cadmio | ISO-10545-15 | - | ASSENTE / ABSENT / ABSENT/ ABWESEND / AUSENTE / несуществующее | |
| | SRI - Solar reflectance index | In-house test method | illuminante D65 / Illuminant D65 / Illuminant D65 / Leuchtkörper D65 / Illuminante D65/ Источник света D65- Illuminante A / Illuminant A / Illuminant A / Leuchtkörper A / Illuminante A / Источник света A - Spettrofotometro a 10°/ Spectrophotometer at 10°/ Spectrophotomètre à 10°/ Spektralphotometer bei 10°/ | available on request | |

| | | | Espetrofotómetro a 10 °C / Спектрофотометр под углом 10° |
|-------------------------------|-------------------------|---|---|
| Tendency ro retain dirt | UNI-9300:2015 | Macchiante Nero carbone / Carbon black staining agent / Tachant noir carbone / Färbemittel kohlschwarz / Manchador: negro carbón / Пачкающее вещество - угольная сажа | No visible change |
| Contact with food | UNI-EN-1186:2003 | Contatto con diversi solventi per 2 ore a 40° / Contact with solvents for 2 hours at 40° / Contact avec différents solvants pendant 2 heures à 40° / 2 Stunden langer Kontakt mit verschiedenen Lösungsmitteln bei 40° / Contacto con diferentes solventes durante 2 horas a 40 °C / Контакт с разными растворителями в течение 2 часов при 40° | available on request |
| Resistance to cold liquids | UNI-EN-12720:2013 | tempi di contatto da 10 s a 24h / Period of contact 10s to 24 h / Temps de contact de 10 s à 24 h / Kontaktzeit von 10 s bis 24h / Tiempos de contacto de 10 s a 24 h / Время воздействия от 10 с до 24 ч. | CEN TS 16209 Cl. B |
| Resistance to damp heat | UNI-EN-12721:2013 | cicli da 55° a 100° / 55° to 100° cycles / Cycles de 55° à 100° / Zyklen von 55° bis 100° / Ciclos de 55 °C a 100 °C / Циклы от 55° до 100°. | No visible change CEN TS 16209 Cl. A |
| Resistance to dry heat | UNI-EN-12722:2013 | cicli da 55° a 180° / 55° to 180° cycles / Cycles de 55° À 180° / Zyklen von 55° bis 180° / Ciclos de 55 °C a 180 °C / Циклы от 55° до 180° | No visible change CEN TS 16209 Cl. A |
| Reaction-to-fire performance | UNI-EN-13501-1 | - | Cl. BFI-s1,d0 |
| Scratch resistance | UNI-EN-15186:2012-MET.B | Carico > 10N / Load > 10N / Charge > 10 N / Belastung > 10N / Carga > 10 N / Нагрузка > 10H | Cl. A Matte |
| Static load for raised floors | UNI-EN-ISO-12825 | - | average value: lateral midpoint 1,925 kN - center 3,545 kN |

Note:

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*Measurement made on 60x60cm size