
















Caratteristiche/Features/Caracteristiques/Eigenschaften/Eigenschappen/Características Gres Fine Porcellanato – EN 14411 ISO 13006 Gruppo Bla Annex G

| | Regulation | Required standards | Refin Value | |
|---|------------------------|--|----------------------------------|---|
|  <p>Dimensioni/Sizes/Dimensions/ Abmessungen/Afmetingen/ Dimensiones</p> | UNI EN ISO 10545/2 | Lunghezza e larghezza/Length and width/Longueur et largeur/Länge und Breite/Lengte en breedte/Longitud y anchura | Non rettificato Not rectified | Rettificato * Rectified * |
| | | ± 0,6 % max 2mm | ± 0,3 % max 1mm | |
| | | Spessore/Thickness/Epaisseur/ Stärke/Dikte/Grosor | ± 5 % max 0,5mm | ± 5 % max 0,5mm |
| | | Rettilinearità spigoli/Linearity/Rectitude des arêtes/ Kantengeradheit/Rechtheid kanten/Rectitud de los lados | ± 0,5 % max 1,5mm | ± 0,3 % max 0,8mm |
| | | ** Ortogonalità/Wedging/Orthogonalité/ Rechtwinkligkeit/Haaksheld hoeken/Ortogonalidad | ± 0,5 % max 2mm | ± 0,3 % max 1,5mm |
| Planarità/Warpage/Planéité/Ebenflächigkeit/ Vlakheid/Planitud | ± 0,5 % max 2mm | ± 0,4 % max 1,8mm | | |
| * According to ISO 13006. | | | | |
|  <p>Assorbimento acqua/Water absorption/Absorption d'eau/ Wasseraufnahme/Waterabsorptie/ Absorción de agua</p> | UNI EN ISO 10545/3 | ≤ 0,5 % | | ≤ 0,2% |
|  <p>Resistenza alla flessione/Flexual Strenght/Résistance à la flexion/ Biegefestigkeit/Buigvastheid/ Resistencia a la flexión</p> | UNI EN ISO 10545/4 | ≥ 35 N/mm ² | | Conforme Compliant |
| | | S ≥ 1300 N (thickness ≥ 7,5 mm) | | Conforme Compliant |
|  <p>Coefficiente di restituzione (COR)/ Coefficient of restitution (COR)/ Coefficient de restitution (COR)/ Schlagfestigkeit (COR)/ Restitutiecoëfficiënt (COR)/ Coeficiente de restitución (COR)</p> | UNI EN ISO 10545/5 | Valore consigliato ≥ 0,55/ Recommended value ≥ 0,55/ Valeur recommandée ≥ 0,55/ Empfohlener Wert ≥ 0,55/ Aanbevolen waarde ≥ 0,55/ Rvalor recomendado ≥ 0,55 | | Conforme Compliant |
|  <p>Resistenza all'abrasione profonda/ Deep abrasion resistance/Resistencia à l'abrasion/Widerstand gegen Tiefenverschleiß/Weerstand tegen afschuren/Resistencia a la abrasión profunda</p> | UNI EN ISO 10545/6 | ≤ 175 mm ³ | | Conforme Compliant |
|  <p>Resistenza all'abrasione/ Abrasion resistance/ Résistance à l'abrasion/ Abriebbeständigkeit/ Weerstand tegen afschuring/ Resistencia a la abrasión</p> | UNI EN ISO 10545/7 | PEI Solo per piastrelle smaltate / Only for glazed tiles | | |
|  <p>Coefficiente di dilatazione termica lineare/Coefficient of thermal linear expansion/Coefficient de dilatation thermique linear/Lineare Wärmeausdehnungskoeffizient/ Lineaire thermische uitzetting/ Coeficiente de dilatación termica linear</p> | UNI EN ISO 10545/8 | Metodo di prova disponibile/Tests method available/ Methode d'essai disponible/Verfügbares/Prüfverfahren/ Testmethode beschikbaar/Método de prueba disponible | | ≤ 7 · 10 ⁻⁶ ·C ⁻¹ |
|  <p>Resistenza agli sbalzi termici/ Thermal shock resistance/Resistencia aux écarts de temperature/ Temperaturwechselbeständigkeit/ Temperatuurswisselingen/Resistencia al choque térmico</p> | UNI EN ISO 10545/9 | Nessun campione deve presentare difetti visibili/ No sample must show visible defects/ Aucun échantillon ne doit présenter des défauts visibles/ Kein Exemplar darf sichtbare Schäden aufweisen/ Geen enkel monster mag zichtbare gebreken vertonen/ Ninguna muestra debe presentar defectos visibles | | Conforme Compliant |
|  <p>Dilatazione all'umidità/Moisture expansion/Dilatation à l'humidité/ Feuchtigkeitsausdehnung/Uitzetting door vocht/Dilatación por la humedad</p> | UNI EN ISO 10545/10 | Metodo di prova disponibile/Tests method available/ Methode d'essai disponible/Verfügbares/Prüfverfahren/ Testmethode beschikbaar/Método de prueba disponible | | ≤ 0,02 % (0,2 mm/m) |
|  <p>Resistenza al fuoco/ Fire resistance/ Résistance au feu/ Brandverhalten/ Brand weerstand/ Resistencia al fuego</p> | UNI EN ISO 13501-1 | Dichiarare un valore / Declare a value Classe A1 oppure A _{1H} / Class A1 or A _{1H} | | A _{1H} |
|  <p>Resistenza al gelo/Frost resistance/ Résistance au gel/Frostbeständigkeit/ Vorstbeständigkeit/ Resistencia a la helada</p> | UNI EN ISO 10545/12 | Resistenti/Resistant/Resistants/ Widerstandsfähig/ Weerbarstig/Resistentes | | Conforme Compliant |

** Per piastrelle rettangolari, che abbiano il lato maggiore L ≥ 60 cm, e rapporto tra i lati ≥ 3, la misurazione della ortogonalità deve venire condotta solo sul lato corto.
For oblong tiles with L ≥ 60 cm and ratio length/width L/W ≥ 3, measurement of rectangularity only on short edges

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| | Regulation | Required standards | Refin Value |
|--|--|--|---|
|  Resistenza all'attacco chimico/ Chemical resistance/Resistance à l'attaque chimique/Beständigkeit gegen Chemikalien/Chemische bestandheid/Resistencia al ataque químico | UNI EN ISO 10545/13 | | |
| | Resistenza ai prodotti chimici di uso domestico ed agli additivi per piscina / Resistance to household chemicals and swimming pool salts | Classe minima B (GB per piastrelle smaltate) / Minimum class B (GB for glazed tiles) Classe minima B (UB per piastrelle non smaltate) / Minimum class B (UB for unglazed tiles) | A |
| | Resistenza a basse concentrazioni di acidi e alcali / Resistance to low concentrations of acids and alkalis | Dichiarare una classe / Declare a class Metodo di prova disponibile / Tests method available | LA |
| | Resistenza ad alte concentrazioni di acidi e alcali / Resistance to high concentrations of acids and alkalis | Dichiarare una classe / Declare a class Metodo di prova disponibile / Tests method available | HA |
|  Resistenza alle macchie/Stain resistance/Insensibilité aux taches/ Beständigkeit gegen Fleckenbildner/ Substanzen/Weerstand tegen vlekken/ Resistencia a las manchas | UNI EN ISO 10545/14 | UGL Dichiarare un valore / UGL Declare a value | Classe 5 / Class 5 |
| | | GL \geq 3 | |
|  Cessione di piombo e cadmio/ Lead and cadmium discharge/ Perte de plomb et cadmium/ Abgabe von Blei und Cadmium/ Ontdaan van lood en cadmium/ Cesión de plomo y cadmio | UNI EN ISO 10545/15 | Valore dichiarato / Declared value | Al limite di rilevamento / Than instrument limit |
| | | | |
|  Indicazione di resistenza allo scivolamento/Assessment of slip resistance/Indication de la résistance au glissement/ Bestimmung der Trittsicherheit/ Indicatie voor de slipvastheid/ Indicación de resistencia al deslizamiento | DIN EN 16165:2021 Annex B (previously DIN 51130) | Dichiarare un valore (R) / Declare a value (R) | R10 Matt R11 Strutt./OUT2.0 |
| | DIN EN 16165:2021 Annex A (previously DIN 51097) | Dichiarare un valore (A+B+C) / Declare a value (A+B+C) | A+B Matt/Strutt. A+B+C OUT2.0 |
| | BS EN 16165:2021 Annex C (previously BS 7976-2:2002) | Dichiarare un valore / Declare a value | PTV \geq 36 Wet Matt/OUT2.0 |
|  Coefficiente di attrito dinamico/ Measurement of dynamic coefficient of friction/Mesure du coefficient de frottement dynamique/Messung des dynamischen Reibungskoeffizienten/ Meting van de dynamische wrijvingscoefficient/Coefficiente de rozamiento dinámico | B.C.R.A. Rep. CEC/81 | Asciutto > 0,40 / Bagnato > 0,40 | Conforme/Compliant |
| | DCOF ANSI A326.3 (BOT 3000) Test Method | Dichiarare un valore / Declare a value | Matt wet DCOF \geq 0,50 Soft dry DCOF \geq 0,42 Strutt. wet DCOF \geq 0,42 OUT2.0 wet DCOF \geq 0,55 |

The MATT and SOFT finishes are recommended for interior floors, walls, and exterior walls in both residential and commercial applications. River SOFT is not recommended for exterior horizontal surfaces or exterior paving, and it is not recommended for ramps application. The SOFT finish is not recommended for interior floors in entrance areas if joined to outdoor in commercial applications.