

European  
Ceramics

## SENSI TERRE RANGE

Product Name: SENSI TERRE - **VARIOUS COLOUR/FINISHES/SIZE/THICKNESS**

Product Identifier: Refer to tile name and product code on paperwork/packaging

Product Description: A glazed porcelain tile and a water absorption rate of less than 0.50%.

Country Of Origin: Italy

### *Building Code Obligations*

Code Clauses:

B2 – Durability

B2.3.1

C3 – Fire affecting areas beyond the  
source

D1 – Access routes

D1.3.3

E3 – Internal moisture

E3.3.2, 3.3.3, 3.3.4

G3 – Food preparation and prevention of  
contamination

G3.3.2

G6 – Airborne and Impact sound

G6.3.1



Note – this building product is not subject to a warning/ban under section 26 of the Building Act 2004

Manufacturer Details:

European Ceramics Approved

BPIR COMPLIANT

Importer Details:

European Ceramic Tiles Ltd

Address: 7A Cowley Place, Rosedale, AKL 0632

NZBN: 9429037294571

Website: [euroceramics.co.nz](http://euroceramics.co.nz)

| Scope                                               | Use                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B2 Durability                                       | See below suitability table                                                                                                                                                                                                                                                        |
| C3 Fire                                             | The Building Code relating to fire ratings regulation & standards become mandatory from April 2013, establishing the list of products belonging to Classes A 'No Contribution to Fire' provided for in Decision 94/611/EC implementing Article 20 of Council Directive 89/106/EEC. |
| D1 Access Routes                                    | Refer to slip resistance documentation for all Access routes classifications D1/AS1 for above range.                                                                                                                                                                               |
| E3 Internal Moisture                                | Under E3 Tiles installed over a waterproof membrane using a nonporous grouting system, are an acceptable solution.                                                                                                                                                                 |
| G3 Food Preparation & Prevention from Contamination | As an impervious and easy to clean surface, this range complies.                                                                                                                                                                                                                   |
| G6 Airborne & Impact Sound                          | If required, tiles can form part of an acoustic system to comply with IIC & STC in conjunction with an approved third-party system.                                                                                                                                                |

| <b><i>Suitability *</i></b>                  | <b><i>Residential</i></b> | <b><i>Light Commercial</i></b> | <b><i>Commercial</i></b> |
|----------------------------------------------|---------------------------|--------------------------------|--------------------------|
| Indoor Floor                                 | *                         | *                              | *                        |
| Indoor Walls                                 | *                         | *                              | *                        |
| Outdoor Cladding                             | *                         | *                              | *                        |
| Frost Resistant                              | *                         | *                              | *                        |
| Swimming Pool Submerged                      | *                         | *                              | *                        |
| Swimming Pool Surround                       | *                         | *                              | *                        |
| Paving/External                              | *                         | *                              | *                        |
| Over Underfloor Heating                      | *                         | *                              | *                        |
| Kitchen wall                                 | *                         | *                              | *                        |
| Within 1.5m of a Plumbing Fixture or Fitting | *                         | *                              | *                        |

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# Building Code References

## ***B2 – Durability***

Compliance with B2 Durability is about providing evidence that the product will meet the relevant durability life in the context of the environment in which it will be located.

The building code sets out the framework for establishing the relevant durability life of building elements based on a number of criteria. B2/AS1 provides a decision tree to establish the relevant durability for common building materials in different circumstances.

Having determined the durability life of the product, the next step is to determine if the product, when exposed to the environment, will continue to perform for the relevant period. A key tool which a product supplier can consider in claiming compliance is limiting the environment in which the product will be exposed to (e.g. a ferrous material used in an indoor environment will last longer than it would when exposed to salt spray — in this example it would be appropriate for the supplier to condition the compliance information to use only in indoor environments).

## ***C3 – Fire affecting areas beyond the source***

C3 Fire affecting areas beyond the fire source is primarily about ensuring that fire does not spread from a fire in the building (in both vertically and horizontally) and from an adjacent building.

The prime product attribute used is the fire resistance rating (FRR) methodology. In most cases a product is combined with other products to achieve a FRR (e.g. an external wall fire rating may be formed by the combination of the external cladding, thermal insulation and the internal lining).

C/AS1 and C/AS2 set out performance criteria for buildings and in particular the FRR requirements for various types of buildings and parts of buildings. Appendix C of C/AS2 sets out test methods for the building elements involved in spread of fire. Appendix B of C/AS2 sets out performance criteria for sprinkler systems while Appendix A sets out criteria for fire safety systems such as alarms and hydrants.

## ***D1 – Access routes***

For D1 access routes, in most cases product-related compliance for access routes is slip resistance for floors and the shapes/locations etc of handrails. The Acceptable Solution for access D1/AS1 and NZS 4121:2001 provide good information on compliance for products on access routes.

## ***E3 – Internal Moisture***

E3 Internal Moisture is about ensuring that moisture created within the building does not lead to mould or create damage to adjacent buildings or structural elements in the building in which it is installed.

Prevention of the creation of mould is a combination of temperature, insulation and ventilation. Prevention of water damaging other building elements is mainly about installation details (i.e. sealing joints) as well as impervious products. E3/AS1 provides some useful design details, albeit without much product material information.

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### **G3 – Food preparation and prevention of contamination**

G3 Food preparation and prevention from contamination for a product (such as a kitchen bench) is mainly associated with being easily cleaned and impervious. G3/AS1 provides some general design details for food preparation areas but has no referenced product standards, although the document does state some acceptable materials used for surfaces. Compliance with G3/AS1 is not mandatory but provides a good benchmark for compliance.

### **G6 – Airborne and Impact Sound**

For a product, G6 Airborne and impact sound is generally about systems which are designed to work together to achieve the necessary sound attenuation.

The code itself at G6.3.2 sets a quantifiable performance level: “The Sound Transmission Class of walls, floors and ceilings, shall be no less than 55” and G6.3.2 sets the impact insulation class of floors shall be no less than 55. The Acceptable Solution G6/AS1 sets out the transmission and impact insulation class of common wall systems. G6/VM1 sets out test methodologies where the details do not match those of G6/AS1.

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# Technical Information

The collection display four different surfaces, all characterized by a natural feeling and a combination of tactility and sensoriality:  
Naturale, Grana, Rigatino and Cannettato.

|                  |                     |                        |                         |
|------------------|---------------------|------------------------|-------------------------|
| NATURALE         | R10 — Floor / Wall  | 9 mm / $\frac{3}{8}$ " |                         |
| GRANA — GRIP     | R11 — Floor / Wall  | 9 mm / $\frac{3}{8}$ " | 20 mm / $\frac{3}{4}$ " |
| GRANA — NATURALE | R10 — Floor / Wall  | 6 mm / $\frac{1}{4}$ " |                         |
| RIGATINO         | R10 — Floor / Wall  | 9 mm / $\frac{3}{8}$ " |                         |
| CANNETTATO       | Rivestimento / Wall | 9 mm / $\frac{3}{8}$ " |                         |

|                                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                            |  |  |  |  |  |  |  |  |
| FORMATI<br>Sizes                                                                           | 120x120 cm<br>47 1/4"x47 1/4"                                                       | 60x120 cm<br>25 1/2"x47 1/4"                                                        | 80x80 cm<br>31 1/2"x31 1/2"                                                         | 60x60 cm<br>23 5/8"x23 5/8"                                                         | 30x60 cm<br>11 1/2"x23 5/8"                                                         | 15x30 cm<br>6"x11 1/2"                                                                | 20x20 cm<br>7 7/8"x7 7/8"                                                             | 22x20 cm<br>8 5/8"x7 7/8"                                                             |
| SPESSORE<br>Thickness                                                                      | 9 mm / $\frac{3}{8}$ "                                                              | 9 mm / $\frac{3}{8}$ "                                                              | 9 mm / $\frac{3}{8}$ "                                                              | 9 mm / $\frac{3}{8}$ "                                                              | 9 mm / $\frac{3}{8}$ "                                                              | 9 mm / $\frac{3}{8}$ "                                                                | 9 mm / $\frac{3}{8}$ "                                                                | 9 mm / $\frac{3}{8}$ "                                                                |
|  COTONE | 781530                                                                              | 781483                                                                              | 781524                                                                              | 781499                                                                              | 781505                                                                              | 781783                                                                                | 781792                                                                                | 781804                                                                                |
|  SABBIA | 781531                                                                              | 781484                                                                              | 781525                                                                              | 781500                                                                              | 781507                                                                              | 781853                                                                                | 781793                                                                                | 781806                                                                                |
|  ROSATO | 781532                                                                              | 781485                                                                              | 781526                                                                              | 781501                                                                              | 781508                                                                              | 781784                                                                                | 781794                                                                                | 781805                                                                                |

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# SENSI TERRE OUTDOOR

## Vantaggi tecnici - Technical advantages - Avantages techniques Technische Vorteile - Ventajas técnicas



- Lastre monolitica compatta di spessore 2 cm squadrata e rettificata.
- Compact monolithic slab 2 cm thick squared and rectified.
- Dalle monolithique compacte de 2 cm d'épaisseur, équare et rectifiée.
- Kompakte monolithische Platte, 2 cm dick, rechteckig und scharfkantig geschliffen.
- Losa monolítica compacta de 2 cm de espesor, esquadrada y rectificada.



- INGELIVO
- FROST RESISTANT
- INGELIF
- FROSTBESTÄNDIG
- RESISTENTE A LA HELADA



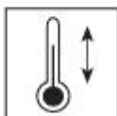
- ELEVATA RESISTENZA AI CARICHI STATICI
- HIGH STATIC LOAD RESISTANCE
- RESISTANCE ÉLEVÉE AUX CHARGES STATIQUES
- HOHE STATISCHE BELASTBARKEIT
- ELEVADA RESISTENCIA A LAS CARGAS ESTÁTICAS



- FACILE DA POSARE
- EASY TO INSTALL
- FACILE À POSER
- VERLEGELEICHT
- FÁCIL DE COLOCAR



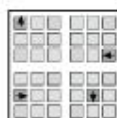
- ANTISCIVOLO RTI
- ANTI SLIP RTI
- ANTIDERAPANT RTI
- RUTSCHFEST RTI
- ANTIDESLIZANTE RTI



- RESISTENTE AGLI SCALZI TERMICI
- THERMAL SHOCK RESISTANT
- RESISTANT AUX ÉCARTS THERMIQUES
- TEMPERATURWECHSELBESTÄNDIG
- RESISTENTE A LAS OSCILACIONES TÉRMICAS



- FACILE DA PULIRE
- EASY TO CLEAN
- FACILE À NETTOYER
- REINIGUNGSEICHT
- FÁCIL DE LIMPIAR



- RIMOVIBILE E RIUTILIZZABILE
- REMOVABLE AND REUSABLE
- DÉMONTABLE ET RÉUTILISABLE
- ENTFERNBAR UND WIEDERVERWENDBAR
- DESMONTABLE Y REUTILIZABLE



- INATTACCABILE DA AGENTI CHIMICI E MUFFE
- IMPERVIOUS TO ATTACK BY CHEMICALS OR MOULD
- RESISTANT AUX AGENTS CHIMIQUES ET AUX MOISSURES
- UNANGREIFBAR DURCH CHEMISCHE STOFFE UND SCHIMMEL
- RESISTENTE A LOS AGENTES QUÍMICOS Y A LOS MOHOS

## Applicazioni - Applications - Applications - Verlegung - Aplicaciones

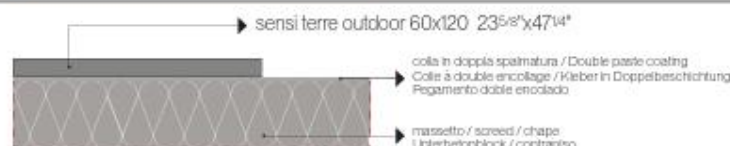
- Posa diretta su erba
- Direct installation on grass
- Pose direct sur de l'herbe
- Verlegung direkt auf Rasen
- Colocación directa sobre hierba



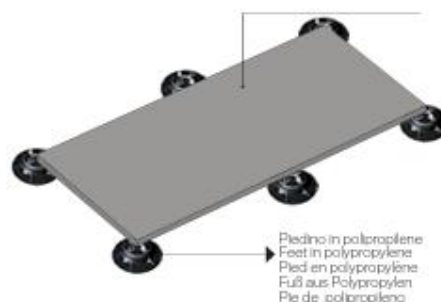
- Posa diretta su ghiaia
- Direct installation over gravel
- Pose direct sur du gravier
- Verlegung direkt auf Kies
- Colocación directa sobre grava



- Posa su massetto cementizio
- Installation on sand-cement screed
- Pose sur chape ciment
- Verlegung auf Zement-Unterbetonblock
- Colocación sobre contrapiso de hormigón



- Posa su piedini fissi o regolabili
- Installation on fixed or adjustable feet
- Pose sur pieds fixes ou réglables
- Verlegung auf feststehende oder regulierbare Füße
- Colocación sobre pies fijos o regulables



Per le specifiche di utilizzo dei sistemi sopraelevati vedi il sito [form.com](http://form.com)  
For the specifics on use of raised systems visit the site [form.com](http://form.com)  
Pour les caractéristiques d'utilisation des systèmes surélevés, voir le site [form.com](http://form.com)  
Für die Nutzungsbedingungen der Doppelbodensysteme siehe Webseite [form.com](http://form.com)  
Para las especificaciones de empleo de los sistemas sobreelevados consulte el sitio web [form.com](http://form.com)

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GRES FINE PORCELLANATO/FINE PORCELAIN STONEWARE/GRES CERAME FIN/FEINSTEINZEUG-KOLLEKTIONEN/GRES PORCELANICO FINO  
SQUADRATO - SQUARED - EQLAPRI - REKTIFIZIERT - ESQUADRADO

20 mm 3/4" ↑

| CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS - CARACTERISTIQUES TECHNIQUES - TECHNISCHE EIGENSCHAFTEN - CARACTERÍSTICAS TÉCNICAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                               |         |                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------|
| Lesrine in gres fine porcellanato non smaltato. Piastrelle di ceramica pressate a secco. Caratteristiche di qualità secondo i test di controllo previsti dalla norma EN 1448-ISO 13006 Appendice G gruppo B/A UGL / Unglazed porcelain stoneware tiles. Dry-pressed ceramic tiles. Quality specifications, according to control tests of EN 1448-ISO 13006 Appendix G group B/A UGL. / Dalles en gres céramique fin non émaillé. Carreaux céramiques pressés à sec. Caractéristiques de qualité d'après les essais de contrôle norme EN 1448-ISO 13006 Appendice G groupe B/A UGL / Nicht glasierte und vollständig getriebene Feinsteinzeugplatten. Trocken gepresste Keramikfliesen. Qualitätseigenschaften nach Normen EN 1448-ISO 13006-Anhang G Gruppe B/A UGL / Planchas de gres porcelánico fino no esmaltado. Baldosas de cerámica prensadas en seco. Características de calidad según las Normas EN 1448-ISO 13006 Apéndice G grupo B/A UGL. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                               |         |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PRESCRIZIONE<br>STANDARD REQUIREMENTS<br>PRÉSCRIPTIONS<br>ANFORDERUNGEN<br>RESCRIPCION                                                                               | RESULTATI TESTS<br>TEST RESULTS<br>RÉSULTATS DES ESSAIS<br>PRÜFERGEBNISSE<br>RESULTADOS TESTS                                                                                                                                                                                                                                 |         | REFERIMENTO NORMA<br>REFERENCE STANDARD<br>REFERENCIA NORMA |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                      | N ≤ 15 cm                                                                                                                                                                                                                                                                                                                     |         |                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                      | (%)                                                                                                                                                                                                                                                                                                                           | (mm)    | g/m²                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LUNGHEZZA E LARGHEZZA, DEVIAZIONE AMMISSIBILE IN % DELLA DIMENSIONE MEDIA DI OGNI PIASTRELLA DALLA DIM DI FABBRICAZIONE / LENGTH AND WIDTH ADMITTED DEVIATION IN % OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS / LONGUEUR ET LARGESUR, MARGE DE TOLÉRANCE EN % ENTRE LA DIMENSION MOYENNE DE CHAQUE CARREAU ET LA DIM DE FABRICATION / LANGE UND BREITE ZULÄSSIGE ABWEICHUNG DES QUADRO-MITTELWERTES VON DER DURCHSCHNITTSGRÖßE JEDES FLIEßES VOM HERSTELLER IN PROZENTEN / DESVIACIÓN ADMISIBLE EN TANTO POR CIENTO DEL TAMAÑO MEDIO DE CADA BALDOSA A PARTIR DEL TAMAÑO DE FABRICACIÓN | Squadrato<br>ISO 13006                                                                                                                                               | ±0,3 %                                                                                                                                                                                                                                                                                                                        | ±1,0 mm | ±0,15 %                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DEVIAZIONE AMMISSIBILE IN PERCENTO DELLO SPESORE MEDIO DI OGNI PIASTRELLA DALLA DIMENSIONE DI FABBRICAZIONE / ADMITTED DEVIATION IN % OF THE AVERAGE THICKNESS OF EACH TILE FROM THE PRODUCTION DIMENSIONS / MARGE DE TOLÉRANCE EN POURCENTAGE ENTRE L'ÉPAISSEUR MOYENNE DE CHAQUE CARREAU ET LA DIMENSION DE FABRICATION / ZULÄSSIGE HOCHSTABWEICHUNG DER DURCHSCHNITTSSPESSE JEDES FLIEßES VOM HERSTELLER IN PROZENTEN / DESVIACIÓN ADMISIBLE EN TANTO POR CIENTO DEL GROSOR MEDIO DE CADA BALDOSA A PARTIR DEL TAMAÑO DE FABRICACIÓN                                                                      | Squadrato<br>ISO 13006                                                                                                                                               | ±5 %                                                                                                                                                                                                                                                                                                                          | ±0,5 mm | ±5 %                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DEVIAZIONE MASSIMA DI RETTILINEITÀ IN PERCENTO IN RAPPORTO ALLE DIMENSIONI DI FABBRICAZIONE CORRESPONDENTI / MAXIMUM STRAIGHTNESS DEVIATION IN % IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS / MARGE DE TOLÉRANCE DE RECTITUDE EN POURCENTAGE PAR RAPPORT AUX DIMENSIONS DE FABRICATION CORRESPONDANTES / ZULÄSSIGE HOCHSTABWEICHUNG DER KANTENGERADHEIT IM VERHÄLTNIß ZU DEN ENTSPRECHENDEN HERSTELLERMAßEN IN PROZENTEN / DESVIACIÓN MÁXIMA DE RECTITUD EN TANTO POR CIENTO EN RELACIÓN CON EL TAMAÑO DE FABRICACIÓN CORRESPONDIENTE                                                            | Squadrato<br>ISO 13006                                                                                                                                               | ±0,3 %                                                                                                                                                                                                                                                                                                                        | ±0,8 mm | ±0,10 %                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DEVIAZIONE MASSIMA DI ORTOGONALITÀ IN PERCENTO IN RAPPORTO ALLE DIMENSIONI DI FABBRICAZIONE CORRESPONDENTI / MAXIMUM RIGHT-ANGLE DEVIATION IN % IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS / MARGE DE TOLÉRANCE D'ANGULARITÉ EN POURCENTAGE PAR RAPPORT AUX DIMENSIONS DE FABRICATION / HOCHSTABWEICHUNG DER RECHTHALIGKEIT IM VERHÄLTNIß ZU DEN ENTSPRECHENDEN HERSTELLERMAßEN IN PROZENTEN / DESVIACIÓN MÁXIMA DE LA ORTOGONALIDAD EN TANTO POR CIENTO EN RELACIÓN CON EL TAMAÑO DE FABRICACIÓN CORRESPONDIENTE                                                                                | Squadrato<br>ISO 13006                                                                                                                                               | ±0,3 %                                                                                                                                                                                                                                                                                                                        | ±1,5 mm | ±0,2 %                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PLANARITÀ CURVATURA DEL CENTRO DELLO SGUCCO E SVERGOLAMENTO / FLATNESS CURVING IN THE MIDDLE CORNER AND BARRING / PLANÉTE COURBURE CENTRALE DE L'ARETE ET GAUCHISSEMENT / RECHTHALIGHEIT KANTENUNG DER MITTE DER KANTE UND VERKÜMMUNG / PLANITUD CURVATURA DEL CENTRO DE LA ARISTA Y MARCHALLAMENTO                                                                                                                                                                                                                                                                                                          | Squadrato<br>ISO 13006                                                                                                                                               | ±0,4 %                                                                                                                                                                                                                                                                                                                        | ±1,8 mm | ±0,35 %                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | QUALITÀ DELLA SUPERFICIE - SURFACE QUALITY / QUALITÉ DE LA SURFACE - QUALITÄT DER OBERFLÄCHE / CALIDAD DE LA SUPERFICIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                      | I 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 mib./El 95% de las baldosas tiene que estar exento de defectos visibles. |         | CONFORME/CONFORMING<br>CONFORME/KONFORM<br>CONFORME         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MASSA D'ACQUA ASSORBITA IN % / % WATER ABSORPTION - MASSE D'EAU ABSORBÉE EN % / WASSERAUFNAHME IN % / MASA DE AGUA ABSORBIDA EN %                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                      | Ex0,5 %                                                                                                                                                                                                                                                                                                                       |         | valore medio 0,08 %                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FORZA DI ROTTURA IN N (sp. ± 75 mm) - BREAKING STRENGTH IN N (thickness ± 75 mm) / FORCE DE RUPTURE EN N (ép. ± 75 mm) / BRUCHLAST IN N (Dicken ± 75 mm) / FUERZA DE ROTURA EN N (g. ± 75 mm)                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                      | ≥1300 N                                                                                                                                                                                                                                                                                                                       |         | valore medio 12000 N                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RESISTENZA ALLA FLESSIONE IN N/mm² / FLEXURAL STRENGTH TEST / RÉSISTANCE À LA FLEXION EN N/mm² / BEUGESTÄRKE IN N/mm² / RESISTENCIA A LA FLEXIÓN EN N/mm²                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                      | ≥5 N/mm²                                                                                                                                                                                                                                                                                                                      |         | valore medio 52 N/mm²                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RESISTENZA ALLA ABRASIONE PROPORZIONALE DELLE PIASTRELLE NON SMALTATE / RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES / RESISTANCE À L'ABRASION PROPORTIONNELLE DES CARREAUX NON ÉMAILLÉS / TIEFENABREISTHÄRKE UNGLASERTER FLIEßEN / RESISTENCIA A LA ABRASIÓN PROPORCIONAL DE LAS BALDOAS SIN ESMALTAR                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                      | ≤175 mm²                                                                                                                                                                                                                                                                                                                      |         | valore medio 140 mm²                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RESISTENZA AGLI UGUALI TERMO / THERMAL SHOCKS RESISTANT / RÉSISTANCE AUX VARIATIONS THERMIQUES / TEMPERATURWECHSELSTÄNDIGKEIT / RESISTENCIA AL CHOQUE TÉRMICO                                                                                                                                                                                                                                                                                                                                                                                                                                                | Metodo di prova dipendente<br>Available testing method<br>Méthode d'essai dépendante<br>Verfügbare Prüfverfahren<br>Método de ensayo dependiente                     |                                                                                                                                                                                                                                                                                                                               |         | RESISTE - RÉSISTANT<br>RESISTE - ERFÜLLT<br>RESISTE         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RESISTENZA ALLE MACCHIE / RESISTANCE TO STAINING / RÉSISTANCE AUX TACHES / FLECHENABWEISEND / RESISTENCIA A LAS MANCHAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Metodo di prova dipendente<br>Available testing method<br>Méthode d'essai dépendante<br>Verfügbare Prüfverfahren<br>Método de ensayo dependiente                     |                                                                                                                                                                                                                                                                                                                               |         | Classe 4                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RESISTENZA A BASI CONCENTRAZIONI DI ACIDI E ALCALI / RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS / RÉSISTANCE À BASSES CONCENTRATIONS D'ACIDES ET D'ALCALIS / WIDERSTAND GEGEN NIEDRIGE KONZENTRATIONEN VON SÄUREN UND LAUGEN / RESISTENCIA A BAJAS CONCENTRACIONES DE ÁCIDOS Y ALCALIS                                                                                                                                                                                                                                                                                                            | COME DICHIAMATO DAL PRODUTTORE<br>DESIGNÉ PAR LE PRODUCTEUR<br>SELON DÉCLARATION DU PRODUCTEUR<br>ENTRUFENHEIT DER HERSTELLERANGABE<br>NÚM. COMO DICHAADO FABRICANTE |                                                                                                                                                                                                                                                                                                                               |         | HA                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RESISTENZA A ALTE CONCENTRAZIONI DI ACIDI E ALCALI / RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND ALKALIS / RÉSISTANCE À HAUTES CONCENTRATIONS D'ACIDES ET D'ALCALIS / WIDERSTAND GEGEN HOCHKONZENTRIERTE SÄUREN UND LAUGEN / RESISTENCIA A ALTAS CONCENTRACIONES DE ÁCIDOS Y ALCALIS                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                               |         | LA                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RESISTENZA AI PRODOTTI CHIMICI DI USO DOMESTICO E AGLI ADDITIVI PER PISCINE / RESISTANCE TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS / RÉSISTANCE AUX PRODUITS CHIMIQUES D'USAGE DOMESTIQUE ET AUX ADDITIFS POUR PISCINE / WIDERSTAND GEGEN HAUSHALTSCHEMISIALE UND SCHWIMMBADZUSATZSTOFFEN / RESISTENCIA A PRODUCTOS PARA LIMPIEZA DOMESTICA Y ADITIVOS PARA PISCINAS                                                                                                                                                                                                                    |                                                                                                                                                                      | B min                                                                                                                                                                                                                                                                                                                         |         | A                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RESISTENZA AL GELÖ / FROST RESISTANCE - RÉSISTANCE AU GEL / FROSTSTÄHRHEIT - RESISTENCIA A LA HELADA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | RICHIESTA / REQUIRED<br>REQUIRE / GEFORDERT<br>REQUERIDA                                                                                                             |                                                                                                                                                                                                                                                                                                                               |         | RESISTE - RÉSISTANT<br>RESISTE - ERFÜLLT<br>RESISTE         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | COEFFICIENTE D'ATTO (SCIVOLosità) / FRICTION COEFFICIENT (SLIPPERINESS) / COEFFICIENT DE FRICTION (GLISSEMENT) / REIBKOEFFIZIENT (SCHLEPPFÄHIGKEIT) - COEFFICIENTE DE ANTI DESLIZAMIENTO                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                               |         | ≥ 0,40                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                               |         | ≥ 0,42 wet                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                               |         | 19° ≤ α ≤ 27°<br>R11                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                               |         | α² 24°<br>classe C                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                               |         | PTV ≥36 WET                                                 |

Per un effetto ottimale della posa, riteniamo suggerire di mantenere 2 mm di fuga per pose monofornate e 3 mm per combinare formati misti. / For optimal installation, we recommend maintaining a joint of 2 mm. 1/16" for single format installations and 3 mm. 1/8" for combine mixed formats. / Pour réaliser une pose parfaite, nous suggérons de maintenir 2 mm de joint pour la pose des carreaux de format unique et 3 mm pour les combinaisons de formats mixtes. / Um einen optimalen Effekt beim Verlegen zu erzielen empfehlen wir einen 2mm-Luge bei einfarbigen Verlegungen und 3 mm-Luge bei Formatkombinationen. / Para lograr los mejores resultados en la posa del producto, recomendamos 2 mm de junta en aplicación de un solo formato y 3 mm en combinaciones de formatos mixtos.

Manufacturer Details:

European Ceramics Approved

BPIR COMPLIANT

Importer Details:

European Ceramic Tiles Ltd

Address: 7A Cowley Place, Rosedale, AKL 0632

NZBN: 9429037294571

Website: euroceramics.co.nz

GRES FINE PORCELLANATO/FINE PORCELAIN STONEWARE/GRES CERAME FIN/FINE STENZELUG-KOLLEKTIONEN/GRES PORCELLANCO FINO  
SQUADRATO - SQUARED - KVAASER - RECTIFIEZPOT - POLSKOBRADO

9 mm 3/8"

[illegible][illegible]

Manufacturer Details:

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GRÉS FINE PORCELLANA/TOPINE PORCELAIN STONEWARE/ORES CERAME FINFEINSTEINZUG-KOLLEKTIONEN/ORES PORCELANO FINO  
QUADRATO - SOLARED - POLAREE - REKTIFERT - ESQUADRADO

6 mm 1/4" 

[illegible]

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (%)                                                          | (mm)      | max/min, g/m² |                                                             |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------|---------------|-------------------------------------------------------------|
|    | LUNGHEZZA E LARGHEZZA COGNOME INNAMPERABILI IN % DELLA DIMENSIONE MEDIA DI OGNI PIASTRELLA DELLA DIMENSIONE DI FABBRICAZIONE / LENGTH AND WIDTH RESISTED DEVIATION IN % OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION (DIMENSIONI DI LUNGHEZZA E LARGHEZZA / DIMENSIONI DI LARGHEZZA E LARGHEZZA) IN % ENTRE LA DIMENSIONE MOYENNE DE CHAQUE CARREAU ET LA DIM DE FABRICATION / LÄNGE UND BREITE ZUGABE ABWEICHUNG DES DURCHSCHNITTSMASSE JEDEIN FLIEßEN VOM HERSTELLERMAß IN PROZENTEN / LARGHEZ E LARGHEZ Y ANCHO DESEACOMUNICABLE EN % DEL TAMAÑO MEDIO DE CADA PIASTRELLA PROVENIENDO DEL TAMAÑO DE FABRICACION | Squadro ISO 10000                                            | ±0,3 %    | ±10 mm        | ±0,05 %                                                     |
|    | DIVERSIONE INNAMPERABILE IN PERCENTO DELLO SPESORE MEDIO DI OGNI PIASTRELLA DELLA DIMENSIONE DI FABBRICAZIONE / ADMITTED DEVIATION IN % OF THE AVERAGE THICKNESS OF EACH TILE FROM THE PRODUCTION (DIMENSIONI DI LARGHEZZA E LARGHEZZA / DIMENSIONI DI LARGHEZZA E LARGHEZZA) MOYENNE DE CHAQUE CARREAU L'ADMISSIONNEMENT INACCEPTABLE ZUGABE ABWEICHUNG DER DURCHSCHNITTSMASSE JEDEIN FLIEßEN VOM HERSTELLERMAß IN PROZENTEN / DIVERSION MEDIO DE CADA PIASTRELLA PROVENIENDO DEL TAMAÑO MEDIO DE FABRICACION                                                                                                             | Squadro ISO 10000                                            | ±5 %      | ±0,5 mm       | ±5 %                                                        |
|    | DIVERSIONE INNAMPERABILE IN PERCENTO IN RAPPORTO ALLE DIMENSIONI DI FABBRICAZIONE / CORRESPONDING MAXIMUM PERMISSIBLE DEVIATION IN % IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS / MARGE DE TOLÉRANCE EN POURCENTAGE ENTRE L'ÉPAISSEUR MOYENNE DE CHAQUE CARREAU DE FABRICATION / HOCHSTZULASSIGE ABWEICHUNG IN PROZENTEN ZUM VERHÄLTNIß ZU DEN ENTSPRECHENDEN HERSTELLERMAßEN / DESVIACION MÁXIMA DE CADA PIASTRELLA EN RELATO POR CIENTO EN RELACION CON EL TAMAÑO DE FABRICACION CORRESPONDIENTE                                                                                                             | Squadro ISO 10000                                            | ±0,3 %    | ±0,8 mm       | ±0,10 %                                                     |
|  | DIVERSIONE INNAMPERABILE IN PERCENTO IN RAPPORTO ALLE DIMENSIONI DI FABBRICAZIONE / CORRESPONDING MAXIMUM PERMISSIBLE DEVIATION IN % IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS / MARGE DE TOLÉRANCE EN POURCENTAGE ENTRE L'ÉPAISSEUR MOYENNE DE CHAQUE CARREAU DE FABRICATION / HOCHSTZULASSIGE ABWEICHUNG IN PROZENTEN ZUM VERHÄLTNIß ZU DEN ENTSPRECHENDEN HERSTELLERMAßEN / DESVIACION MÁXIMA DE CADA PIASTRELLA EN RELATO POR CIENTO EN RELACION CON EL TAMAÑO DE FABRICACION CORRESPONDIENTE                                                                                                             | Squadro ISO 10000                                            | ±0,3 %    | ±15 mm        | ±0,20 %                                                     |
|  | PLANITÀ DI CURVATURA DEL CENTRO DELLO SPECCHIO E SVISSEGGIAMENTO / PLANITY CURVING IN THE MIDDLE CORNER AND SWAYING / PLANITY CURVING CENTRE OF LAMPET AND SWAYING / PLANITY CURVATURE OF THE CENTRE OF CURVATURE AND SWAYING / PLANITY CURVATURE                                                                                                                                                                                                                                                                                                                                                                          | Squadro ISO 10000                                            | ±0,4 %    | ±18 mm        | ±0,20 %                                                     |
|  | QUALITÀ DELLA SUPERFICIE / SURFACE QUALITY / QUALITÉ DE LA SURFACE / QUALITÉ DER OBERFLÄCHE / CALIDAD DE LA SUPERFICIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                              |           |               | CONFORME / CONFORMING<br>CONFORME / NON CONFORME / CONFORME |
|  | MINORAZIONE MASSORIMANITA' IN WATER ABSORPTION / MASSORIMANITA' IN WATER ABSORPTION / MASSORIMANITA' IN WATER ABSORPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                              | ≤0,5 %    |               | valore medio 0,05 %                                         |
|    | FORZA DI ROTTURA IN N / sq. = (N / sq.) / BREAKING STRENGTH IN N / sq. = (N / sq.) / FORCE OF RUPTURE IN N / sq. = (N / sq.) / BREAKING STRENGTH IN N / sq. = (N / sq.) / FORCE OF RUPTURE IN N / sq. = (N / sq.)                                                                                                                                                                                                                                                                                                                                                                                                          |                                                              | ≥700 N    |               | valore medio 1350 N                                         |
|    | RESISTENZA ALLA FLESSIONE IN N/mm² / FLEXURAL STRENGTH TEST / RESISTANCE TO THE FLEXION IN N/mm² / RESISTANCE TO THE FLEXION IN N/mm²                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                              | ≥35 N/mm² |               | valore medio 52 N/mm²                                       |
|    | RESISTENZA ALLA LAMINAZIONE / PROTEZIONE DELLA PIASTRELLA NON SUBIETE / RESISTENCE TO THE DEFORMATION OF LAMINATING / RESISTENCE TO THE LAMINATION / PROTECTION DES CARREAUX NON DÉFORMÉS / RESISTENCE TO THE DEFORMATION OF LAMINATING / RESISTENCE TO THE LAMINATION / PROTECTION DES CARREAUX NON DÉFORMÉS                                                                                                                                                                                                                                                                                                              |                                                              | ≥75 mm²   |               | valore medio 140 mm²                                        |
|    | RESISTENZA AL RIMBOLZO TERMICO / THERMAL SHOCK RESISTANT / RESISTENCE AUX VIBRATIONS THERMIQUES / THERMAL SHOCK RESISTANT / RESISTENCE AUX VIBRATIONS THERMIQUES                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Uniflex / uniflex<br>Uniflex / uniflex<br>Uniflex / uniflex  |           |               | RESISTE - RESISTANT<br>RESISTE - ERFÜLLT - RESISTE          |
|  | RESISTENZA ALLE SMOCCHE / RESISTANCE TO STAINING / RESISTENCE AUX TACHES / FLECHENWIDERSTAND / RESISTENCE AUX TACHES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Uniflex / uniflex<br>Uniflex / uniflex<br>Uniflex / uniflex  |           |               | Classe 5                                                    |
|  | RILOGGIO DI SOSTANZE PERICOLOSE / RELEASE OF HAZARDOUS SUBSTANCES / RELEASE OF SUBSTANCES DANGEREUSES / RELEASE OF HAZARDOUS SUBSTANCES / RELEASE OF SUBSTANCES DANGEREUSES / RELEASE OF HAZARDOUS SUBSTANCES                                                                                                                                                                                                                                                                                                                                                                                                              |                                                              |           |               | CONFORME / CONFORMING<br>CONFORME / NON CONFORME / CONFORME |
|  | RESISTENZA A BASSI CONCENTRAZIONI DI ACIDI E ALKALI / RESISTENCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS / RESISTENCE A BASSI CONCENTRATIONS D'ACIDES ET D'ALKALIS / RESISTENCE A BASSI CONCENTRATIONS D'ACIDES ET D'ALKALIS / RESISTENCE A BASSI CONCENTRATIONS D'ACIDES ET D'ALKALIS                                                                                                                                                                                                                                                                                                                                  |                                                              |           |               | LA                                                          |
|  | RESISTENZA AI PRESSIONI CHIMICHE DI USO DOMESTICO E AD USO ADDETTO PER PISCINA / RESISTENCE TO DOMESTIC CHEMICALS / RESISTENCE TO DOMESTIC CHEMICALS / RESISTENCE TO DOMESTIC CHEMICALS / RESISTENCE TO DOMESTIC CHEMICALS / RESISTENCE TO DOMESTIC CHEMICALS                                                                                                                                                                                                                                                                                                                                                              |                                                              | MIN 8     |               | A                                                           |
|  | RESISTENZA AL GEL / FROST RESISTANCE / RESISTANCE AU GEL / FROST RESISTANCE / RESISTANCE AU GEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | REQUISITA / REQUIRED<br>REUSE / REQUIRED<br>REUSE / REQUIRED |           |               | RESISTE - RESISTANT<br>RESISTE - ERFÜLLT<br>RESISTE         |
|  | COEFFICIENT D'USURE / COEFFICIENT / FRICTION COEFFICIENT / SUPPLEMENT / COEFFICIENT OF FRICTION / SUPPLEMENT / FRICTION COEFFICIENT / SUPPLEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                              |           |               | > 0,42 m/s                                                  |
|  | COEFFICIENT D'USURE / COEFFICIENT / FRICTION COEFFICIENT / SUPPLEMENT / COEFFICIENT OF FRICTION / SUPPLEMENT / FRICTION COEFFICIENT / SUPPLEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                              |           |               | 10° a 15°<br>R10                                            |
|  | COEFFICIENT D'USURE / COEFFICIENT / FRICTION COEFFICIENT / SUPPLEMENT / COEFFICIENT OF FRICTION / SUPPLEMENT / FRICTION COEFFICIENT / SUPPLEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                              |           |               | 10° a 24°<br>classe B                                       |

Per un effetto ottimale sulla pelle, la pelle sottoposta deve essere 2 mm di spessore per essere applicata su 2 mm per i cerchietti laterali. Per l'installazione ottimale, si raccomanda un'installazione di 2 mm, 1/2" in cerchietti laterali e 2 mm, 1/2" in cerchietti centrali. Per studiare una pelle sottoposta deve essere 2 mm di spessore e deve essere 2 mm di spessore per i cerchietti laterali. Un'installazione ottimale deve essere 2 mm di spessore e 2 mm di spessore per i cerchietti laterali e 2 mm di spessore per i cerchietti centrali. Per la pelle sottoposta deve essere 2 mm di spessore e 2 mm di spessore per i cerchietti laterali e 2 mm di spessore per i cerchietti centrali.

GRADO DI VARIAZIONE CROMATICA - DEGREE OF COLOUR CHANGE - DEGRE DE VARIATION CHROMATIQUE - GRAD DER FARBSÄNDERUNG - GRADO DE VARIACIÓN CROMÁTICA

|                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>V1 LOW</b><br/>THE LEAST AMOUNT OF HUE AND TEXTURE VARIATION WITHIN<br/>SAMPLE IN NATURALLY PROD CRAFT PRODUCTS</p> <p>Products with lowest variations in extension:<br/>Product 1 (grey) and product 2 (black)<br/>Product 3 (black)<br/>Product 4 (black)<br/>Product 5 (black)</p> |  <p><b>V2 MODERATE</b><br/>LIGHT TO MODERATE HUE AND TEXTURE VARIATION WITHIN<br/>EACH CATEGORY</p> <p>Products with higher variations in extension:<br/>Product 1 (grey) and product 2 (black)<br/>Product 3 (black)<br/>Product 4 (black)<br/>Product 5 (black)</p> |  <p><b>V3 HIGH</b><br/>HIGH HUE AND TEXTURE VARIATION<br/>WITHIN EACH CATEGORY</p> <p>Products with maximum variations in extension:<br/>Product 1 (grey) and product 2 (black)<br/>Product 3 (black)<br/>Product 4 (black)<br/>Product 5 (black)</p> |  <p><b>V4 RANDOM</b><br/>VERY HIGH HUE AND TEXTURE VARIATION<br/>WITHIN EACH CATEGORY</p> <p>Products with large variations in extension:<br/>Product 1 (grey) and product 2 (black)<br/>Product 3 (black)<br/>Product 4 (black)<br/>Product 5 (black)</p> |
| <p>COTONE, SERRA, ROSSO, MATTEO, AMARANTO, CAPRONE</p>                                                                                                                                                                                                                                                                                                                          | <p>COTONE, SERRA, ROSSO, MATTEO, AMARANTO, CAPRONE</p>                                                                                                                                                                                                                                                                                                   | <p>GRANA, COTONE, GRANA SERRA, GRANA ROSSO,<br/>GRANA MATTEO, GRANA AMARANTO, GRANA CAPRONE</p>                                                                                                                                                                                                                                          | <p>GRANA, COTONE, GRANA SERRA, GRANA ROSSO,<br/>GRANA MATTEO, GRANA AMARANTO, GRANA CAPRONE</p>                                                                                                                                                                                                                                                 |

**Importer Details:**  
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## Fire Resistance

The building code relating to fire rating regulations and standards requires specifiers to provide documentation such as fire certificates for materials used in construction.

Ceramics are in itself a fire-resistant material, mostly being manufactured at over 1200 degrees Celsius. Testing and providing such certification are therefore not relevant to the Ceramics industry.

Ceramic and Porcelain tiles are an inert material, and therefore non-combustible. They do not release fumes or toxic gases in the event of a fire. Porcelain tiles contain no sealants, waxes or other chemicals that could release VOC's into the environment. Ceramics do not pose a risk of spreading or intensifying a fire therefore there is no testing required as they do not contribute to a fire.

### **EXTRAORDINARY EFFECTS DURING USE PHASE:**

**Fire:** According to /EN 13501-1:2007+A1:2009/, ceramic tiles can be classified as A1 class of fire resistance rating, because they do not contribute to fire.

It has been demonstrated that the coating of the ceramic tiles, in case of fire, reduces heat on them and thus the risk of collapse.

**Water:** Ceramic tiles cannot react with water because they are an insoluble material.

**For further information on the fire performance characteristics of ceramic/porcelain tiles or natural stone, please refer to the Technical Documents section on [euroceramics.co.nz](http://euroceramics.co.nz)**

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