



European
Ceramics

POETRY STONE RELOADED RANGE

Product Name: **POETRY STONE RELOADED - VARIOUS COLOURS/FINISHES**

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

| 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. |

| <i>Suitability *</i> | <i>Residential</i> | <i>Light Commercial</i> | <i>Commercial</i> |
|--|---------------------------|--------------------------------|--------------------------|
| 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

CARATTERISTICHE TECNICHE TECHNICAL FEATURES

GRES PORCELLANATO TUTTA MASSA - FULL BODY PORCELAIN

CLASSIFICAZIONE SECONDO NORME UNI EN 14411 (ISO 13006) ALLEGATO G-Gruppo Bla GL
CLASSIFICATION IN ACCORDANCE WITH UNI EN 14411 (ISO 13006) ANNEX G-Group Bla GL

OUT.20 GRES PORCELLANATO A MASSA COLORATA - OUT.20 FULL BODY COLORED PORCELAIN

CLASSIFICAZIONE SECONDO NORME UNI EN 14411 (ISO 13006) ALLEGATO G-Gruppo Bla GL
CLASSIFICATION IN ACCORDANCE WITH UNI EN 14411 (ISO 13006) ANNEX G-Group Bla GL

| PROPRIETÀ FISICO-CHIMICHE PHYSICAL-CHEMICAL PROPERTIES | NORMA NORM | VALORE PRESCRITTO DALLE NORME VALUE PRESCRIBED FROM THE NORMS | * VALORE ABK ABK VALUE nat. 6 mm | * VALORE ABK ABK VALUE nat. - PTech 8,5 mm | * VALORE ABK ABK VALUE R11 8,5 mm | * VALORE ABK ABK VALUE OUT.20 R11 20 mm |
|--|----------------------------------|---|---|---|--|---|
| LUNGHEZZA E LARGHEZZA DIMENSIONE MEDIA DI OGNI PIASTRELLA. LENGTH AND WIDTH OF THE AVERAGE-SIZE TILE | UNI EN ISO 10543/2 | ± 0,5% | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING |
| SPESORE THICKNESS | UNI EN ISO 10543/2 | ± 5% | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING |
| RETILINEITÀ SPICCI WARPINGS OF EDGES | UNI EN ISO 10543/2 | ± 0,5% | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING |
| ORTOGONALITÀ WEDGING | UNI EN ISO 10543/2 | ± 0,5% | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING |
| PIANITÀ FLATNESS | UNI EN ISO 10543/2 | ± 0,5% | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING |
| ASSORBIMENTO D'ACQUA WATER ABSORPTION | UNI EN ISO 10543/3 | E ≤ 0,5% | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING |
| RESISTENZA ALL'FLESSIONE BINDING STRENGTH | UNI EN ISO 10543/4 | ≥ 35 N/mm² | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING |
| FORZA DI ROTTURA BREAKING STRENGTH | UNI EN ISO 10543/4 | ≥ 1300 N | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING |
| RESISTENZA ALL'ABRASIONE PROFONDA DEI PIASTRELLI NON SMALZATI RESISTANCE TO DEEP ABRASION OF UNGLAZED TILES | UNI EN ISO 10543/6 | < 175 mm³ | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING |
| RESISTENZA ALL'ABRASIONE SUPERFICIALE PER PIASTRELLI SMALZATI ABRASION RESISTANCE FOR GLAZED TILES | UNI EN ISO 10543/7 | DICHIARATO DALLA AZIENDA PRODUTTRICE DECLARED BY THE MANUFACTURING COMPANY | - | - | - | IN FUNZIONE DELLA DESTINAZIONE DUO ACCORDING TO THE DESTINATION OF FINAL USE |
| RESISTENZA AI GLI SBALDI TERMICI THERMAL SHOCK RESISTANCE | UNI EN ISO 10543/9 | RICHIESTA REQUIRED | RESISTE RESISTS | RESISTE RESISTS | RESISTE RESISTS | RESISTE RESISTS |
| RESISTENZA AL GELO FROST RESISTANCE | UNI EN ISO 10545/12 | RICHIESTA REQUIRED | INGEGNO FROST PROOF | INGEGNO FROST PROOF | INGEGNO FROST PROOF | INGEGNO FROST PROOF |
| RESISTENZA ALL'ATTACCO CHIMICO CHEMICAL RESISTANCE | UNI EN ISO 10545/13 | MIN UB | CONFORME ACCORDING | CONFORME ACCORDING | CONFORME ACCORDING | - |
| | | MIN GB | - | - | - | CONFORME ACCORDING |
| RESISTENZA ALLE MACCHIE RESISTANCE TO STAINING | UNI EN ISO 10545/14 | UGL VALORE DA DICHIARARE VALUE to declare | - | - | - | - |
| | | GL ≥ MINIMO CLASSE 3 | - | - | - | CONFORME ACCORDING |
| | | B.C.R.A. C.A. 0,19 SCIVOLOSTÀ PERICOLOSA - DANGEROUSLY SLIPPERY 0,20 < µ < 0,39 SCIVOLOSTÀ ECESSIVA - EXCESSIVELY SLIPPERY 0,40 < µ < 0,74 ATTRITO SODDISFALENTE - SATISFACTORY GRIP µ 0,75 ATTRITO ECCELLENTE - EXCELLENT GRIP | > 0,40 | > 0,40 | > 0,40 | > 0,40 |
| RESISTENZA ALLO SCIVOLOAMENTO SLIP RESISTANCE | ASTM C 1028 [S.C.O.F.] | SUP RESISTANT (> 0,60) | > 0,60 DRY | > 0,60 DRY | > 0,60 DRY | > 0,60 DRY |
| | | | > 0,60 WET | > 0,60 WET | > 0,60 WET | > 0,60 WET |
| | | | | | | |
| RESISTENZA ALLO SCIVOLOAMENTO SLIP RESISTANCE | DIN EN 10135:2021 Annex II | IN FUNZIONE DELL'AMBIENTE O DELLA ZONA DI LAVORO BASING ON THE ENVIRONMENT OR THE WORKING AREA | R10 | R10 | R11 | R11 |
| | DIN EN 10135:2021 Annex A | - | A+B | A+B+C | A+B+C | A+B+C |
| | AS/NZS 4286:2013 | ≥ 0,42 | > 0,42 | > 0,42 | > 0,42 | > 0,42 |
| | AS/NZS 4286:2013 | SRV : 35 - 44 | - | P3 WET | - | - |
| | BS 7970 - 2:2002 | SRV : 45 - 55 | - | - | P4 WET | P4 WET |
| | | >30 | - | +30 WET | +30 WET | +30 WET |

* Valori medi di produzione / Average production values

VARIAZIONE CROMATICA
SHADE VARIATION

V2

 aspetto uniforme
uniform appearance
V1

 lieve variazione
slight variation
V2

 moderata variazione
moderate variation
V3

 forte variazione
substantial variation
V4

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IMBALLI - PACKAGING

| F.to nominale Nominal size | Finitura Finish | Spessore Thickness | F.to reale (mm) Work size (mm) | Imballo Packing | Pz/Scat. Pcs/Box | Mq/Scat. Sqm/Box | Kg/Scat. Kg/Box | Scat./Imb. Box/Packing | Pz Totali Pcs Total | Mq totali Sqm total | Kg Imb. Kg Packing | Kg Totali Kg Total |
|-------------------------------|--------------------|-----------------------|-----------------------------------|---|---------------------|---------------------|--------------------|---------------------------|------------------------|------------------------|-----------------------|-----------------------|
| 120x280 48"x112" | rett. | 6 | 1194x2800 | Cassa Crate | - | - | - | - | 20 | 67,20 | 95 | 1.103 |
| | | | | Cavalletto T Rack pallet T | - | - | - | - | 36 | 120,96 | 120 | 1.935 |
| | | | | Cavalletto A Rack pallet A | - | - | - | - | 36 | 120,96 | 140 | 1.955 |
| | | | | Cavalletto container Container Rack pallet | - | - | - | - | 36 | 120,96 | 165 | 1.980 |
| 120x120 48"x48" | rett. | 8,5 | 1194x1194 | Pallet con sponde Pallet with sides | 2 | 2,88 | 56,10 | 18 | 36 | 51,84 | 40 | 1.050 |
| 120x120 48"x48" | rett. | 20 | 1194x1194 | Pallet con sponde Pallet with sides | 1 | 1,44 | 69,10 | 18 | 18 | 25,92 | 40 | 1.284 |
| 60x120 24"x48" | rett. | 8,5 | 596x1194 | pallet | 2 | 1,44 | 28,00 | 30 | 60 | 43,20 | 20 | 860 |
| 60x120 24"x48" | rett. | 20 | 596x1194 | pallet | 1 | 0,72 | 32,60 | 30 | 30 | 21,60 | 20 | 998 |
| 20x120 8"x48" | rett. | 8,5 | 197,3x1194 | pallet | 6 | 1,44 | 28,00 | 36 | 216 | 51,84 | 20 | 1.028 |
| 60x90 MAX FLOOR | rett. | 8,5 | 596x895 | pallet | 3 | 1,08 | 21,00 | 22 | 66 | 23,76 | 20 | 482 |
| 60x60 24"x24" | rett. | 8,5 | 596x596 | pallet | 3 | 1,08 | 21,00 | 40 | 120 | 43,20 | 20 | 860 |

L'unità minima di vendita per tutti gli articoli (fondi, decori e pezzi speciali) è la scatola completa. / The minimum sales quantity for all items (plain tiles, decorations and special trims) is one full box.
 I dati relativi agli imballi sono aggiornati al momento della stampa del catalogo e pertanto possono subire variazioni nel corso del tempo. /
 Data referring to packaging have been update at time of printing; the actual data may be slightly different.
 Pezzi speciali e decori per effetto delle lavorazioni, possono presentare variazioni di tonalità. / Due to working process special trims and decors, may show variation in tonality.

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 physio-characteristics of fire resistance for tiles please refer to the Technical Documents section on euroceramics.co.nz

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