CROMIE RANGE

BUILDING PRODUCT INFORMATION REQUIREMENTS (BPIR) – CLASS 1

This document is intended to provide the building product information required for a Class 1 designated building product under the (Building Product Information Requirements) Building Regulations 2022.

Product Name:	**CROMIE RANGE - VARIOUS COLOURS/FINISHES/SIZES/THICKNESS**
Product Identifier:	Refer to tile name and product code on paperwork/packaging.
Product Description:	Natural raw materials, such as porphyry, quartz and granite, recovered from the processing of stones, ground in an original paste and compacted by pressing to resemble natural stone designed as a finished product to complete the chosen aesthetic of a building project.
Intended Use:	Porcelain tiles from this range can be installed in line with NZ Building Code requirements and BRANZ best practices. Porcelain tiles are an aesthetic finish to a surface not intended to be load bearing or structural.
Country of Origin:	Italy

Building Code Obligations

Within the intended scope of use, the existing European Ceramics BPIR identifies the following Building Code clauses as potentially relevant. Applicability depends on the actual location and design use:

- B2 – Durability (including B2.3.1)
- C3 – Fire affecting areas beyond the source
- D1 – Access routes (including D1.3.3)
- E3 – Internal moisture (including E3.3.2, E3.3.3 and E3.3.4)
- G3 – Food preparation and prevention of contamination (including G3.3.2)
- G6 – Airborne and impact sound (including G6.3.1 where applicable)

Importer Details:
European Ceramic Tiles Ltd
Address: 7A Cowley Place, Rosedale, AKL 0632
NZBN: 9429037294571
Website: euroceramics.co.nz

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

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 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 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.

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.

Importer Details:
European Ceramic Tiles Ltd
Address: 7A Cowley Place, Rosedale, AKL 0632
NZBN: 9429037294571
Website: euroceramics.co.nz

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

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.

Limitations of Use

Product technical/specification sheets from manufacturers outline composition details and characteristics including material, finishes, PEI ratings, size (including variations, calibrations, weights) colour and slip ratings. Tiles are a finishing product, consented plans or specification should be referred to in order to outline the details of suitability with regard to NZBC requirements.

Suitability *	***Residential***	***Light Commercial***	***Commercial***
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	*	*	*

Importer Details:
European Ceramic Tiles Ltd
Address: 7A Cowley Place, Rosedale, AKL 0632
NZBN: 9429037294571
Website: euroceramics.co.nz

Manufacturer Information

Address: VIA REGINA PACIS, 290 41049 SASSUOLO (MO) ITALY

Website: https://lapietracompattata.it

Email Address: https://lapietracompattata.it/en/contact-us

Technical Information

Product catalogue & technical/specification sheets for each range can be located Click here

Indicazioni di posa
Installation instruction

CUT_PIETRA

La Pietra Compattata si deve posare su massetto di calcestruzzo con aggiunta di rete elettrosaldata o armatura di ferro adeguata alla destinazione d'uso, stabile, asciutto e maturo, non gelato e non eccessivamente caldo, pulito e privo di discontinuità o sostanze che possano compromettere le successive adesioni. I giunti di dilatazione devono essere predisposti ogni 3/4 mi circa e comunque nei punti identificati dal progettista o dal direttore di cantiere.
Verificare sempre che i livelli e le pendenze garantiscano un corretto deflusso delle acque.
La Pietra Compattata si taglia con tagliolino ad acqua con disco diamantato.
La posa del materiale richiede una fuga di 5 mm.
Attenersi comunque alle indicazioni del progettista o del direttore di cantiere.

Lo Pietra Compattata products must be installed on a concrete screed (with the addition of electro-welded wire mesh or suitable rebar) which is stable, dry and cured, neither frozen nor excessively hot, clean and free from any single waxes or substances that might jeopardise subsequent bonding. Expansion joints must be provided every 3 or 4 linear metres approximately and in any case at points identified by the architect or site manager. Always check that levels and slopes guarantee proper water runoff.
Lo Pietra Compattata products are designed for cutting with a diamond blade wet saw. The material should be laid with 5 mm joints in any case, follow the instructions given by the architect or site manager.

POSA A TELLA
Su massetto o getto in cls ben isolato (o su guaina elastica e/o tecnica) utilizzare una colla idonea indicata dai maggiori produttori di collanti classificata C2TE S1 applicandola con spatola dentata di 10 mm. Per la posa di grandi formati (lato 67,2 cm e lato 50,5 cm) utilizzare una colla rapida classificata C2FTE S2 con spatola a lumaca con denti da 15 mm con doppia spalmatura.
Coprire con telo di plastica per almeno 72 ore.
Attenersi alle istruzioni dei produttori dei materiali per sottofondi e collanti utilizzati.

LAYING WITH ADHESIVE
Using a 10 mm notch trowel, apply a suitable adhesive, classified by major adhesive manufacturers as C2TE S1, to the prepared smooth screed (or flexible and/or technical membrane).
When laying large sizes (side 67.2 cm and side 50.5) use a fast-drying adhesive classified as C2FTE S2 a 15 mm U-notch trowel with double buttering.
Cover with plastic sheeting for at least 3 days from the time of installation.
Follow the instructions given by the manufacturers of the materials for substrates and adhesives used.

STUCCATURA
Stuccare solo a collante perfettamente asciutto.
Per rallentare la velocità di assorbimento iniziale bagnare la Pietra Compattata, evitando di lasciare acqua nelle fughe. Quindi stendere il sigillante cementizio NON ADDITIVATO idoneo per fughe larghe (a grana grossa), avendo cura di riempire tutte le fughe, passando con la spatola (o il rullino) di gomma nelle 4 direzioni, avendo cura di spargere l'intera superficie delle lastre.
EMULSIONARE immediatamente con la spugna tradizionale o monospazzola con disco adeguato. Quindi pulire il pavimento rimuovendo la stucco superfluo con spugna manuale o elettrospugna avendo cura di cambiare spesso l'acqua utilizzata.
STENDERE LO STUCCO SU MASSIMO 7 MQ E PULIRE IMMEDIATAMENTE
Attenersi alle istruzioni dei produttori dei materiali per sottofondi e collanti utilizzati.

GROUTING
Grout only when adhesive is perfectly dry.
To slow down the speed of absorption, wet the Lo Pietra Compattata material, without leaving water in the joints. Next, spread the cement sealant with no additives suitable for wide joints (coarse-grained), taking care to fill all the joints, spreading it with a rubber spatula (or roller) in all 4 directions.
EMULSIFY immediately with a traditional sponge or a single floor buffer with brush. Next clean the floor, removing excess grout with a manual sponge or power sponge machine, taking care to change the water frequently.
SPREAD THE GROUT FOR A MAXIMUM OF 7 SQUARE METRES AND CLEAN IMMEDIATELY
Follow the instructions given by the manufacturers of the materials for substrates and adhesives used.

NON UTILIZZARE PRODOTTI ACIDI O ALCALINI SU LA PIETRA COMPATTATA

DO NOT USE ACID OR ALKALINE PRODUCT ON LA PIETRA COMPACTATA

Importer Details:
European Ceramic Tiles Ltd
Address: 7A Cowley Place, Rosedale, AKL 0632
NZBN: 9429037294571
Website: euroceramics.co.nz

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

Indicazioni di posa
Installation instruction

in_PIETRA

La Pietra Compattata si deve posare su massetto stabile, asciutto e maturo, pulito e privo di discontinuità o sostanze che possano compromettere le successive adesioni.
I giunti di dilatazione devono essere predisposti ogni 3/4 metri lineari circa e comunque nei punti identificati dal progettista o dal direttore di cantiere.
La Pietra Compattata si taglia con taglierina ad acqua con disco diamantato. Attenersi comunque alle indicazioni del progettista o del direttore di cantiere.

La Pietra Compattata products must be installed on a concrete screed which is stable, dry and cured, clean and free from any irregularities or substances that might jeopardize subsequent bonding. Expansion joints must be provided every 3/4 linear metres approximately and in any case at points identified by the architect or site manager.
La Pietra Compattata products are designed for cutting with a diamond blade wet saw. In any case, follow the instructions given by the architect or site manager.

POSA A COLLA
Su massetto o getto in cls ben lisciato (o su guaina elastica e/o tecnica) utilizzare una colla idonea indicata dai maggiori produttori di collanti classificata C2TE S1 applicandola con spatola dentata di 10 mm. Per la posa di grandi formati (lato 67.2 cm e lato 50.5 cm) utilizzare una colla rapida classificata C2FTE S2 con spatola a lunetta con dente di 15 mm con doppia spalmatura. Coprire con telo di plastica per almeno 72 ore.
Attenersi alle istruzioni dei produttori dei materiali per sottofondi e collanti utilizzati.

LAYING WITH ADHESIVE
Using a 10 mm notch trowel, apply a suitable adhesive, classified by major adhesive manufacturers as C2TE S1, to the prepared smooth screed (or flexible and/or technical membrane).
When laying large sizes (side 67.2 cm and side 50.5) use a fast-drying adhesive classified as C2FTE S2, a 15 mm U-notch trowel with double buttering.
Cover with plastic sheeting for at least 72 hours from the time of installation.
Follow the instructions given by the manufacturers of the materials for substrates and adhesives used.

STUCCATURA
Essendo il materiale trattato, è possibile utilizzare STUCCHI CEMENTIZI NON ADDITIVATI a grana fine. È consigliato l'utilizzo degli stucchi de La Pietra Compattata.
Stuccare solo a collante perfettamente asciutto.
Stendere lo stucco su circa ¼ di mq sull'intera superficie de La Pietra Compattata; quindi emulsionare con spugna tradizionale rimuovendo lo stucco in eccesso; pulire immediatamente avendo cura di cambiare spesso l'acqua utilizzata.
Attenersi alle istruzioni dei produttori dei materiali per sottofondi e collanti utilizzati.

GROUTING
The material is treated so it is possible to use fine grained cementitious grouts with no additives. Therefore, we recommend La Pietra Compattata grouts.
Grout only when the adhesive is perfectly dry.
Spread the grout on ¼ of square meter on the entire surface of La Pietra Compattata. Then emulsify with a traditional sponge, removing excess grout; clean immediatly taking care to change the water frequently. Follow the instructions given by the manufacturers of the materials for substrates and adhesives used.

STESURA CERA
Una volta essicato lo stucco, a superficie completamente asciutta e pulita, applicare la nostra cera al fine di proteggere maggiormente La Pietra Compattata e la fuga.

WAX LAYING
Once the grout is completely dried and cleaned apply our wax, to better protect La Pietra Compattata and the grout.

NON UTILIZZARE PRODOTTI ACIDI O ALCALINI SU LA PIETRA COMPATTATA.

DO NOT USE ACID OR ALKALINE PRODUCT ON LA PIETRA COMPATTATA.

Importer Details:
European Ceramic Tiles Ltd
Address: 7A Cowley Place, Rosedale, AKL 0632
NZBN: 9429037294571
Website: euroceramics.co.nz

https://lapietracompattata.it/en/techincal-area/

Importer Details:
European Ceramic Tiles Ltd
Address: 7A Cowley Place, Rosedale, AKL 0632
NZBN: 9429037294571
Website: euroceramics.co.nz

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

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 follow this link

Design Requirements

- The designer/specifier must confirm that the selected product colour, finish, size and thickness is suitable for the intended location and service conditions.
- Floor finishes must be selected with regard to the required slip resistance for the intended use, including access routes and wet areas where applicable.
- The supporting substrate and complete tile system must be designed to be sufficiently stable, rigid, level and suitable for the tile format and loading.
- Wet-area design must include the required waterproofing system, falls, drainage, junctions and penetrations. Tiles and grout are not to be relied upon as the waterproofing system.
- Movement/control joints must be incorporated where required by the substrate, building movement, tile layout and installation system.
- For underfloor heating, the heating system, substrate, adhesive, grout and movement-joint design must be compatible with porcelain tile and the relevant manufacturers' requirements.
- For external cladding or other specialist applications, project-specific design, fixing, wind/seismic actions and system compatibility must be verified before installation.
- Natural variation in shade, caliber and appearance should be considered when approving samples and setting out the installation.

Importer Details:
European Ceramic Tiles Ltd
Address: 7A Cowley Place, Rosedale, AKL 0632
NZBN: 9429037294571
Website: euroceramics.co.nz

Installation Requirements

- Installation must be carried out by a competent tile installer in accordance with NZ standards & the BRANZ best tiling practices guide, the tile manufacturer's instructions and the installation-product manufacturers' instructions.
- Confirm the product identity, colour, finish, size, calibration and quantity before installation. Do not install visibly damaged or incorrect tiles.
- The substrate must be sound, clean, dry as required by the selected system, adequately cured, dimensionally stable, level and free of contaminants that may impair adhesion.
- Where waterproofing is required, install an appropriate waterproofing system before tiling and complete all junctions, penetrations and terminations in accordance with the waterproofing manufacturer's requirements.
- Select adhesive and grout suitable for porcelain tile, tile format, substrate, environment and service conditions. Follow the adhesive/grout manufacturer's mixing, open-time, coverage and curing requirements.
- Provide adhesive coverage appropriate to the application and tile format. Large-format and external/specialist installations may require additional measures to achieve adequate support and coverage.
- Provide movement joints and perimeter joints where required; do not bridge structural or substrate movement joints with rigid tile finishes.
- Maintain appropriate joint widths and setting-out tolerances. The supplier technical sheet included in the existing BPIR should be consulted for product-specific joint guidance.
- Protect the completed installation from traffic, moisture, impact and other loads until the adhesive, grout, sealants and associated systems have cured.
- For further installation information please refer to this link for porcelain, ceramic & natural stone.

Maintenance Requirements

- Clean routinely using clean water and a suitable neutral or manufacturer-approved tile cleaner. Follow the cleaning-product manufacturer's instructions.
- Remove spills and contaminants promptly. Cleaning frequency should reflect the location, traffic and contamination level.
- Do not use cleaning methods or chemicals that may damage grout, sealants, adjacent materials or any decorative/special surface finish. Confirm chemical compatibility before use.
- Avoid abrasive tools or cleaning methods that may scratch or alter the surface appearance.
- Maintain grout, flexible sealant and movement joints. Inspect them periodically and repair or replace deteriorated material where necessary.
- Where slip resistance is important, maintain the surface so that residues, oils, soap, coatings or other contaminants do not materially reduce slip performance.
- For further maintenance information please refer to this link for porcelain, ceramic & natural stone.

Importer Details:
European Ceramic Tiles Ltd
Address: 7A Cowley Place, Rosedale, AKL 0632
NZBN: 9429037294571
Website: euroceramics.co.nz