



European  
Ceramics

## MUTINA HOMAGE TO THE SQUARE RANGE

Product Name: **MUTINA HOMAGE TO THE SQUARE –  
VARIOUS COLOURS/FINISHES/SIZE/THICKNESS**

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

Product Description: Glazed unrectified porcelain stoneware with 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



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)

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

| <b>Scope</b>                                        | <b>Use</b>                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 (DOT)                           | *                         | *                              | *                        |
| Indoor Walls (DOT & DASH)                    | *                         | *                              | *                        |
| Outdoor Cladding (DOT & DASH)                | *                         | *                              | *                        |
| 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

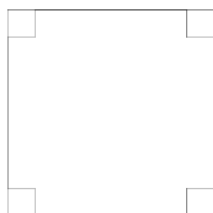
For a product, G6 Airborne and impact sound is generally about systems which are designed to work together to achieve the necessary sound attenuation.

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.

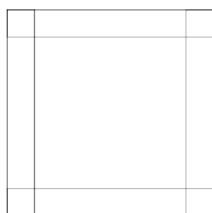
## Technical Information

### General information

|               |                                                                                                                                           |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| collection    | HOMAGE TO THE SQUARE                                                                                                                      |
| design        | in collaboration with The Josef & Anni Albers Foundation, 2026                                                                            |
| production    | Industrial                                                                                                                                |
| material      | Glazed and not rectified porcelain stoneware                                                                                              |
| thickness     | 9 mm                                                                                                                                      |
| nominal sizes | 15-15 cm (6"-6")                                                                                                                          |
| specification | – 7 colours: Sea, Evergreen, Chocolate, Ice, Citron, Sage, Peach<br>– 2 patterns: Dash, Dot<br>– special Jolly trims available on request |
| patents       | Registered design n° 015139910-0001/0025 – date of registration: 23/04/2026                                                               |
| category      | UNI EN 14411 B1a GL                                                                                                                       |



DOT



DASH

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## Technical features

| STANDARD                           | FEATURES                                | VALUE REQUIRED        | HOMAGE TO THE SQUARE                       |
|------------------------------------|-----------------------------------------|-----------------------|--------------------------------------------|
| <b>ISO 10545/3</b>                 | water absorption                        | < 0,5%                | 0,15%                                      |
| <b>ISO 10545/4</b>                 | breaking strength                       | Sp> 7,5 min 1100      | resistant                                  |
| <b>ISO 10545/9</b>                 | thermal shock resistance                | no visible alteration | resistant                                  |
| <b>ISO 10545/12</b>                | frost resistance                        | no visible alteration | resistant                                  |
| <b>ISO 10545/13</b>                | resistance to acids and bases           | min B                 | A                                          |
| <b>ISO 10545/14</b>                | stains resistance                       | class 3               | class 5                                    |
| <b>DIN EN 16165 Annex B</b>        | slip resistance                         | –                     | R10 (DOT)                                  |
| <b>DIN EN 16165 Annex A</b>        | slip resistance                         | –                     | B (DOT)                                    |
| <b>ANSI A326.3</b>                 | Dynamic coefficient of friction (DCOF)  |                       | 0,57 (DOT)                                 |
| <b>BS 7976-2</b>                   | Slip resistance (English pendulum test) |                       | 45 dry – matt (DOT)<br>25 wet – matt (DOT) |
| <b>UNI EN ISO 10545-7</b>          | abrasion resistance                     | abrasion class        | from PEI 2 to PEI 5                        |
| <b>VOC Emission</b>                |                                         |                       | available upon request                     |
| <b>Declaration of Contents</b>     |                                         |                       | available upon request                     |
| <b>EPD</b>                         |                                         |                       | available upon request                     |
| <b>SDS</b>                         |                                         |                       | available upon request                     |
| <b>Red List Building Materials</b> |                                         |                       | available upon request                     |
| <b>BPD3</b>                        |                                         |                       | available upon request                     |
| <b>HPD</b>                         |                                         |                       | available upon request                     |

\* Where not specified, the values of standards and certifications refer to both patterns (DOT and DASH).

## Laying and maintenance tips

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| use                                 | Dot: indoor walls and floors, outdoor walls<br>Dash: walls only indoor and outdoor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| installation                        | Install on perfectly flat and dry floors and walls, Adapt the radii of edges and corners of the substrate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| recommended adhesive                | Adhesive for porcelain stoneware                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| recommended joints                  | 2 mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| recommended fillers                 | CEMENT-BASED GROUT: Grout 0.5 m <sup>2</sup> at a time and wash thoroughly with clean water. Remove all traces of grout carefully before it dries completely. For polished versions, a fine-grain grout must always be used.<br>EPOXY GROUT: Grout 0.5 m <sup>2</sup> at a time and wash thoroughly with clean water. Remove all traces of grout carefully before it dries completely. For polished versions, a fine-grain grout must always be used.<br><a href="#">Download the Grout Tables</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| cleaning at the end of installation | CEMENT-BASED GROUT: Buffered acid (e.g. DETERDEK PRO by FILA or similar). Wet the floor with water, saturating the joints, and dilute the product 1:5 with water and pour it on the floor. Wait for 2-3 minutes then use a white scotch Brite pad and rinse well with clean water.<br>SEPOXY GROUT: Alkaline detergent (e.g. FILA CR10 by FILA). FILA CR10: apply pure, wait for 30 minutes then use a green scotch Brite pad.<br>SILICONE: Solvent for silicone e.g. FILA ZERO SIL. Put it straight onto the stain, wait for 20 minutes and remove the mark using scotch Brite.<br>PAINT: Can usually be removed using water, but if resin-based paints or particular enamels have been used, it is best to ask the manufacturer which solvent is most suitable.<br>RUST: stain remover es. FILA NO RUST. Apply the product onto the stain, leave for 15 minutes, remove the residue and rinse thoroughly.<br>POLISHED VERSIONS: For cleaning at the end of the work, and for ordinary cleaning, we recommend limiting the use of abrasive cleaning instruments (such as iron sponges or steel scrubbing pads) as far as possible. This indication must be strictly complied with for tiles with a polished surface, because they are more vulnerable to scratching, dulling, etc. |
| general cleaning (installed tiles)  | You are recommended to use ordinary neutral detergent diluted in water. Use diluted limescale-removal products in water if necessary. During ordinary cleaning it is recommended to use extremely abrasive items (such as scourers and iron or steel sponges) as little as possible. This recommendation must be adhered to rigorously in the case of tiles with a glossy surface finishing as they are more susceptible to the risk of scuffs, scratches and loss of shine, etc. In the event of heavy dirt or particularly textured surfaces, use an alkaline detergent and rinse after washing. For large surfaces, the use of a floor washing machine is recommended. During every-day cleaning procedures, it is necessary to remember that certain types of dirt (dust, sand) increase the abrasive effect of foot-traffic. Therefore we recommend that you avoid bringing in this type of dirt, which comes in from the outside, by placing a door-mat at the entrance.                                                                                                                                                                                                                                                                                                      |
| calibers (real size)                | 150x150 mm with 1 mm tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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## Packing

| SIZE     | PCS-SQM | PCS-BOX | SQM-BOX | BOX-PAL | KG-BOX | KG-PAL | SQM-PAL |
|----------|---------|---------|---------|---------|--------|--------|---------|
| 15.15 cm | 44,44   | 30      | 0,68    | 51      | 14,15  | 721,66 | 34,68   |

## 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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