

Class 1

Building Product Information (BPIR)

FRONTEK® Ceramic Tiles BRIR

Declaration

The Building Agency Limited, the supplier of FRONTEK® Ceramic Tiles, has provided this declaration to satisfy the provisions of Schedule 1(d) of the BPIR (Building Product Information Requirements) Regulations 2022. See regulations.

Product Details

Product name:	FRONTEK® Ceramic Tiles
Product description and its intended use:	FRONTEK® Ceramic Tiles are extruded, hollow, vitrified ceramic tiles for use in a ventilated façade system. The tiles are fixed using a proprietary system comprising stainless steel clips, fixed to extruded aluminum horizontal guides. The tiles, Superplus, Omega Superplus, Plus and Omega Plus, are available in a range of colours and textures. Key technical specifications: • Thickness: 19 mm • Length: 24.7cm, 40.5cm, 49.7cm & 60cm • Coverage width: 80cm , 100cm & 160cm

Supplier Details

Name:	The Building Agency Limited
Role:	Supplier
NZBN:	9429042373131
Address:	1/14 Link Drive, Wairau Valley Auckland. 0627
Website:	www.thebuildingagency.co.nz
Email:	info@buildingagency.co.nz
Phone:	09 415 2669

Manufacturer Details

Name:	Grupo Greco Gres
Location:	Toledo, Spain

Limitations on the use of the building product

- All fixings must comply with E2/AS1 (Table 20 and 21) for the appropriate exposure zone as defined in NZS 3604:2011, section 4.
- Where micro climatic conditions apply as defined in section 4.2.4 of NZS 3604
- Where fire resistance rating (FRR) is required, its use is subject to specific fire design
- The substrate is subject to specific design in respect of Clause E2 (external moisture).

Compliance with the New Zealand Building Code

Structure B1:

B1.3.1, B1.3.2, B1.3.3 (a, f, h, j, q), B1.3.4 (a, b, c, d, e)

Durability B2:

B2.3.1

Fire C3 :

C3.7

External Moisture E2:

E2.3.2

Hazardous Building Materials F2:

F2.3.1

Basis of Compliance

Structure B1:

When the tiles are installed will meet ETAG specifications for ventilated wall claddings ETA 15/0262 and ETA 15/0916. These requirements also meet the Building Code requirements in respect of B1 (structure). FRONTEK CERAMIC TILES have completed lateral racking testing which confirms seismic SLS in-plane deflection is within 20 mm [FacadeLab, 12/2020]. Determination of modulus of rupture and breaking strength UNE-ENISO 10545-4:2012 (LGAI Technological Center Test Report number 14/9117-1705 03/11/14)

Durability B2:

ETA 15/0262 and ETA 15/0916 establishes that the ceramic tiles are not affected by freeze-thaw cycles. Ceramic tiles have a history of use in NZ and are resistant to UV radiation,

chemical and biological attack. Stainless steel and aluminium fixings are suitable for use in all corrosion zones. Colour fastness to UV Light (DIN 51094).

Fire C3:

The tiles were tested to ISO 5660.1-2015(E), Reaction to Fire Tests - Heat Release Smoke Production and Mass Loss Rate Part 1: Heat, Release Rate (Cone Calorimeter Method) and Smoke Production Rate (Dynamic Measurement) (AWTA Test Report 17-005919 20/11/17). Tiles were tested to AS/NZS1530.1-1994 and not deemed combustible according to the test criteria specified in Clause 3.4 of AS/NZS 1530.1-1994 (CSIRO Test Report FNC12581 29/04/2020)

External Moisture E2:

The tiles were tested to AS/NZS 4284:2008 by an IANZ accredited laboratory. Serviceability deflection test at 2.8kPa. [FacadeLab 20-09 18/12/2020]. When installed, the tiles will contribute to the management of external moisture, which was confirmed ETA 15/0262 and ETA 15/0916.

Hazardous Building Materials F2:

Meets EN ISO 14.021, which confirms that the tiles do not contain or emit harmful materials.

Design and Installation Requirements

As part of an external rain screen, cladding system, refer to the following documents.

- Typical Details - Super Plus Vertical.
- Typical Details - Super Plus Horizontal.
- In conjunction with a primary structure that complies with the NZ Building Code or where the designer has established that the existing structure is suitable for the intended building work. The substrate is subject to specific design in respect of Clause
- On buildings located any proximity to a relevant boundary. Where fire resistance rating (FRR) is required, its use is subject to specific fire design.

- In all exposure zones as defined by NZS 3604:2011. All fixings must comply with E2/AS1 (Table 20 and 21) for the appropriate exposure zone as defined in NZS 3604:2011, section 4. Where micro climatic conditions apply as defined in section 4.2.4 of NZS 3604
- Ensure that the primary structure complies with the NZ Building Code or where the designer has established that the existing structure is suitable for the intended building work.
- At building heights where fire code obligations apply, the external wall installation must be subject to specific fire engineering design.
- Where Restricted Building Work (RBW) applies, the installer shall be a Licensed Building Practitioner (LBP) or be supervised by an LBP with the relevant license class.
- If you are an installer/builder, make sure you adhere to the design, moisture management guidelines, related specifics, and material selection suggested by the designer.

Warranty and Maintenance

On building completion, Frontek panels require cleaning with water and neutral soap. In general, the panels requires little to no maintenance due to low water absorption (less than 0.5%) nevertheless annual cleaning is recommended, either by hand or

with a pressure machine. The cleaning process must begin at the highest elevation of the building, ending at the lowest level. Pay attention to the air cavity in behind the panel as dirt can accumulate within and it must be removed to allow cavity ventilation.

Greco Gres Internacional S.L. guarantees the durability of their ceramic pieces FRONTEK for systems ventilated façade, for a period of fifteen years, provided they do not appear pathologies arising from the construction, construction defects in the execution of the work placement handling or improper maintenance of the ceramic tiles. The warranty period of our products is initiated with the issuance of the invoice, which represents the guarantee endorsement itself, Likewise, GRECO GRES INTERNACIONAL S.L. certifies that the ventilated facade pieces FRONTEK meet EN 14411 and CE marking requirements of Regulation 305/2011 European Construction Products.

Responsible Person

In accordance with Regulation 8 of the Building Product Information Requirements Regulations 2022, I confirm that the information contained in this BPIR has been prepared on reasonable grounds and is, to the best of my knowledge, accurate and not misleading.

I also confirm that FRONTEK® Ceramic Tiles is not subject to a ban or warning under section 26 of the Building Act 2004.

Signed for and on behalf The Building Agency Limited.

Darren Webster

Managing Director
The Building Agency Limited
May 2026