

Class 1 - Building Product Information Requirements

Declaration

NZC Tileworks Limited has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building Regulations 2022. This product is not subject to warning or ban under section 26 of the Building Act 2004.

Product Name	Ironwood
--------------	----------

Product description and its intended use

22.5x90cm, 22.5x90x2cm, 60x60x2cm, 10mm thickness, 20mm thickness, porcelain tiles, matt finish, Antislip finish, rectified, suitable for floors and walls, ≤ 0.5% water absorption.

Contact details

Legal and trading name of manufacturer	Alcalagres
Manufacture location	Spain
Legal and trading name of importer	NZC Tileworks Limited
Importer address for service	22 Bowden Road, Mt Wellington, Auckland 1060
Importer website	tileworks.co.nz
Importer NZBN	9429 0458 8777 2
Importer email	admin@tileworks.co.nz
Importer phone number	0800 688 788

Relevant building code clauses

B2 Durability	B2.3.1 (c)
C3 Fire affecting areas beyond the fire source	C 3.4 (a) and (b)
D1 Access Routes	D1.3.3 (d)
E3 Internal moisture	E3.3.3, E3.3.5, E3.3.6
F2 Hazardous building materials	F2.3.1
G3 Food preparation and prevention of contamination	G3.3.2 (b)

Statement on how the building product is expected to contribute to compliance

B2 Durability

B2.3.1 - Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or:

(c) 5 years if: (i) the building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and (ii) failure of those building elements to comply with the building code would be easily detected during normal use of the building.

C3 Fire affecting areas beyond the fire source

C3.4 (a) - materials used as internal surface linings in the following areas of buildings must meet the performance criteria.

C3.4 (b) - floor surface materials in the following areas of buildings must meet the performance criteria.

D1.3.3 Access routes

D1.3.3 (d) - have adequate slip-resistant walking surfaces under all conditions of normal use.¹

E3 Internal moisture

E3.3.3 - Floor surfaces of any space containing sanitary fixtures or sanitary appliances must be impervious and easily cleaned.

E3.3.5 - Surfaces of building elements likely to be splashed or become contaminated in the course of the intended use of the building, must be impervious and easily cleaned.

E3.3.6 - Surfaces of building elements likely to be splashed must be constructed in a way that prevents water splash from penetrating behind linings or into concealed spaces.

F2 Hazardous building materials

F2.3.1 - The quantities of gas, liquid, radiation or solid particles emitted by materials used in the construction of buildings, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

G3 Food preparation and prevention of contamination

G3.3.2 - Spaces for food preparation and utensil washing shall have:

(b) all building elements constructed with materials which are free from hazardous substances which could cause contamination to the building contents.

¹ Tileworks tiles noted as "Slip resistant" Structured, Grip' or Anti-slip' will meet the minimum SRV (Slip Resistant Value) measures that comply with the New Zealand Building Code.

Limitations on the use of the building product

Tiles are very resilient and have few limitations. They are highly resistant to normal wear, sun, UV, and moisture, however there are some conditions to consider;

- External tile applications are limited to porcelain for low water absorption to ensure integrity in frost conditions.
- Full immersion applications, i.e. pools, will be limited to porcelain or specific pool-rated ceramic tiles.
- Dropping of heavy items i.e. hammers, pots/pans, etc may chip or crack the surface. This is not considered wear and tear.
- For areas requiring slip-resistance, the suitable surface must be selected and installed in accordance with the NZ Building Code (NZBC) to ensure the surface remains safe.
- Regular cleaning and maintenance of the surface in accordance with the Porcelain Tile Cleaning Guide will maintain hygienic surface conditions and retain any textural or slip-resistant properties.
- Tiles must be installed according to the BRANZ Best Tiling Practice by professional installers who can guarantee their workmanship.

Design requirements that would support the appropriate use of the building product:

Nil.

Installation requirements (also provide link to the product installation guide):

Must be installed in accordance with BRANZ best tiling practice.

Maintenance requirements (also provide link to the product maintenance guide):

Must be cleaned and maintained in accordance with the Porcelain tile Cleaning Guide.