



The designa Schist Co Ltd

BPIR Declaration

Version: V1

Designated building product: Class 1

Declaration

Schist by Design has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product/system

Name	The designa Schist Co
Line	Natural stone wall cladding
Identifier	Brands - "The designa Schist Co" & "Schist by design"

Description

The designa schist is manufactured from stone quarried on the west coast of New Zealand and areas of the otago region - This is adhered to a cementitious base.

The colours are Grey, Brown , and Green

They come in 1 size 500mm long 400mm high and 80mm in width - These are manufactured to the standard for Masonry veneer wall cladding 4236 :2002

Scope of use

Building part - not suitable for use as a structural element

Conditions of use

Schist by design :

System must be installed in accordance with the requirements of NZS4236:2022

Must be installed in accordance with any additional installation details found in the Schist by design Technical Manual and must be installed by a Licensed Building Professional (LBP) in the Bricklaying and Blocklaying Licensing Class.

Relevant building code clauses

B1 Structure – B1.3.1, B1.3.2, B1.3.3 (f, h, m), B1.3.4

B2 Durability – B2.3.1 (a), B2.3.2 (a, b)

C3 Fire affecting areas beyond the fire source – C3.5, C3.6, C3.7

E2 External moisture – E2.3.2, E2.3.5, E2.3.7

F2 Hazardous building materials – F2.3.1

Contributions to compliance

B2.3.1(a) (ii) and (iii) and B2.3.2: Schist by Design has a durability of at least 50 years when designed and installed to Designa Schist requirements

Supporting documentation

The following additional documentation supports the above statements:

The designa Schist Co Instalation Manual	1 June 2024	www.designaschist.
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For further information supporting The designa Schist Co claims refer to our website.

Contact details

Manufacture location	New Zealand / China
Legal and trading name of manufacturer	The designa Schist co
Manufacturer address for service	134 Karere Road, RD 5 Palmerston North 4475
Manufacturer website	www.designaschist.com
Manufacturer email	d.c.fin@xtra.co.nz
Manufacturer phone number	+64220645842
Manufacturer NZBN	9429050793679

Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that Schist by Design is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **Schist by Design** :

David Findlay

Your Name : David Findlay

YOUR POSITION: CEO

Month Year : July 2024

THE DESIGNA SCHIST CO LTD

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Appendix

BPIR Ready selections

Category: Wall cladding – bricks and masonry

	Yes	No
Carrying imposed loads		x
Use as internal wall		x

Building code performance clauses

B1 Structure

B1.3.1

Buildings, building elements and sitework shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during *construction* or *alteration* and throughout their lives.

B1.3.2

Buildings, building elements and sitework shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during *construction* or *alteration* when the *building* is in use.

B1.3.3

Account shall be taken of all physical conditions likely to affect the stability of *buildings, building elements and sitework*, including:

- (f) earthquake
- (h) wind
- (m) differential movement

B1.3.4

Due allowances shall be made for:

- a. the consequences of failure,
- b. the intended use of the *building*,
- c. effects of uncertainties resulting from *construction* activities, or the sequence in which *construction* activities occur,
- d. variation in the properties of materials and the characteristics of the site, and
- e. accuracy limitations inherent in the methods used to predict the stability of *buildings*

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:

- (a) the life of the building, being not less than 50 years, if: those building elements (including floors, walls, and fixings) provide structural stability to the building, or those building elements are difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during both normal use and maintenance of the building

B2.3.2

Individual *building elements* which are components of a *building* system and are difficult to access or replace must either:

- (a) all have the same durability
- (b) be installed in a manner that permits the replacement of building elements of lesser durability without removing building elements that have greater durability and are not specifically designed for removal and replacement

C3 Fire affecting areas beyond the fire source

C3.5

Buildings must be designed and constructed so that *fire* does not spread more than 3.5 m vertically from the *fire source* over the external cladding of multi-level *buildings*.

C3.6

Buildings must be designed and constructed so that in the event of *fire* in the *building* the received radiation at the *relevant boundary* of the property does not exceed 30 kW/m² and at a distance of 1 m beyond the *relevant boundary* of the property does not exceed 16 kW/m².

C3.7

External walls of *buildings* that are located closer than 1m to the *relevant boundary* of the property on which the building stands must either:

- a. be constructed from materials which are not *combustible building materials*, or
- b. for *buildings* in importance levels 3 and 4, be constructed from materials that, when subjected to a radiant flux of 30 kW/m², do not ignite for 30 minutes, or

- c. for *buildings* in Importance Levels 1 and 2, be constructed from materials that, when subjected to a radiant flux of 30 kW/m², do not ignite for 15 minutes.

E2 External moisture

E2.3.2

Roofs and exterior walls must prevent the penetration of water that could cause undue dampness, damage to *building elements*, or both.

E2.3.5

Concealed spaces and cavities in buildings must be constructed in a way that prevents external moisture being accumulated or transferred and causing condensation, fungal growth, or the degradation of building elements.

E2.3.7

Building elements must be constructed in a way that makes due allowance for the following:

- a. the consequences of failure:
- b. the effects of uncertainties resulting from *construction* or from the sequence in which different aspects of *construction* occur:
- c. variation in the properties of materials and in the characteristics of the site.

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.