

Flat and sleek, with continuous but irregular grooves for a recurring, organic effect.

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## Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme



Gerard confirms that this minimum level of assurance has been met or exceeded by the following:

New Zealand Metal Roofing Manufacturers Association

[MRM](#)



The following information has been provided by Gerard demonstrating how this product complies with the [Building Product Information Requirements](#).

## Technical Statement

### Product Class

CLASS 2

### Product Description

Irregular grooves give this profile a recurring yet organic pattern that works on a wide variety of homes. Supremely versatile, and immensely popular.

### Scope of use

Gerard *Shake* is suitable for use on buildings that comply with NZS 3604.

Code-compliant for the following environmental conditions:

- Wind Zone - **Specific Design**
- Corrosion Zone - **Corrosion Zone D**
- Seismic Zone - **High**

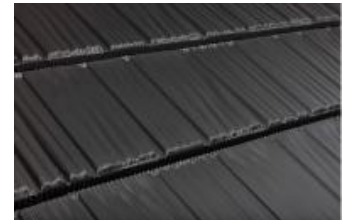
Compatible with all three styles of Gerard trim (Angle, Barrel and Box)

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.3, B1.3.3(a), B1.3.3(b), B1.3.3(c), B1.3.3(d), B1.3.3(e), B1.3.3(f), B1.3.3(g), B1.3.3(h), B1.3.3(i), B1.3.3(j), B1.3.3(k), B1.3.3(l), B1.3.3(m), B1.3.3(n), B1.3.3(o), B1.3.3(p), B1.3.3(q), B1.3.3(r), B1.3.4, B1.3.4(a), B1.3.4(b), B1.3.4(c), B1.3.4(d), B1.3.4(e), B1.3.5, B1.3.6, B1.3.6(a), B1.3.6(b), B1.3.7, B1.3.7(a), B1.3.7(b), B1.3.7(c)  
Gerard's pressed metal tile systems are manufactured from zinc-aluminium coated steel with a base metal thickness of 0.39mm, proprietary coating, and for textured variations, finished with a stone chip coating. The system meets the requirements for loads arising from self-weight, gravity loads, temperature, snow, wind, impact, and creep.
- **Clause B2 Durability:** Performance B2.3.1, B2.3.1(a), B2.3.1(b), B2.3.1(c), B2.3.2, B2.3.2(a), B2.3.2(b)  
Gerard's pressed metal tile systems, in both painted and textured finishes, have a minimum 15 year warranty for rust perforation in standard and corrosive environments. Durability is accomplished by a combination of the zinc-aluminium coated steel substrate and proprietary coating which is typically thicker than comparative coated products. Refer to installation requirements for further information.
- **Clause E1 Surface water:** Performance E1.3.1, E1.3.2, E1.3.3, E1.3.3(a), E1.3.3(b), E1.3.3(c), E1.3.3(d), E1.3.3(e), E1.3.3(f)  
Gerard's pressed metal tile systems, when installed in accordance with installation instructions, shall be installed at a minimum 12 degree pitch ensuring surface water run off. Refer Gerard Installation Instructions for further information.
- **Clause E2 External moisture:** Performance E2.3.1, E2.3.2, E2.3.3, E2.3.4, E2.3.5, E2.3.6, E2.3.7, E2.3.7(a), E2.3.7(b), E2.3.7(c)  
Gerard's pressed metal tile system, when installed in accordance and compliance with the code, will shed precipitated moisture and prevent the penetration of water that could cause undue dampness or damage to building elements, therefore meeting the performance requirements.

### Notes



**masterspec partner**

### Company Contact Details



Company: Gerard Roofs

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Website: [www.gerardroofs.co.nz/](http://www.gerardroofs.co.nz/)

## Statement of Building Code compliance

The system if designed, used, installed and maintained in accordance with supporting technical information and additional conditions and limitations will meet the following provisions of the New Zealand Building Code:

- B1 Structure
- B2 Durability
- E1 Surface Water
- E2 External Moisture

\*Visit the Gerard Roofs Specification [Document Library](#) for all product assurance and technical notes.

## Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Visit the Gerard Roofs [Document Library](#) to access the following:

### Test reports

- Gerard Roofs - Acoustic Test Reports 7071, 72, 73 (University of Canterbury)

### Product assurance

- Product Technical Statement & Building Code compliance (B1, B2, E1, E2)
- ISO 9001 Certification (2017)

### Technical notes

- Aluminium Zinc substrate performance
- Batten sizes for non-Cyclonic regions
- E2 external moisture
- Light resistance & total solar absorption values
- Pipe flashings
- Protection of tile substrate through Gerard Roofs coating
- Severe marine environments
- Sound attenuation of roof claddings and systems
- Valley design
- Wind action resistance
- High Wind Zone environments - Specific Design

## Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



New Zealand Metal Roofing Manufacturers Association

[MRM](#)

## Product Criteria

### Design requirements

Compatible with Gerard Angle, Barrel and Box trim.

\*For more detail please visit [Document Library](#) within the Gerard Roofs specification website.

### Installation requirements

- Minimum roof pitch 15 degrees.
- System is Code-compliant on the condition it is installed by a licensed applicator / installer.
- Rafters and valley boards are to be correctly installed by the builder before roofing can start (refer to the Builders' Checklist).

\*For more detail please visit the [Document Library](#) within the Gerard Roofs specification website.

### Maintenance requirements

If alterations are made to the home after the installation of the roof - such as fitting of chimneys, extension, installation of skylights etc - it is important to ensure that the materials that are used are compatible with the roofing material.

It is recommended to chemically clean the roof before growths are seen as a preventative maintenance measure.

\*For more detail please visit the [Document Library](#) within the Gerard Roofs specification website.

## Warrantees

### Gerard Roofs Warranty

- Up to 30 years - Standard environments (more than 500m from breaking surf)
- Up to 15 years - Corrosive environments (500m or less from breaking surf)

\*For full Warranty details please visit the [Document Library](#) within the Gerard Roofs specification website.

## Company Product Information

### Environmental

ISO 14001

Recycled and recyclable materials.

Feature in one of New Zealand's first "Homestar 10" rated homes.

### Quality Assurance



ISO 9001 (Quality Management)

### Relationships



Member of New Zealand Green Building Council



New Zealand Made

## Building Product Information Requirements

### Manufacturer

#### *Legal Trading Name:*

Gerard Roofs

#### *Business Email:*

customerservice@gerardroofs.co.nz

#### *Company Website:*

[www.gerardroofs.co.nz/](http://www.gerardroofs.co.nz/)

#### *Contact Number/s:*

0800 100244

### Product Identifier

SHAKE

### Warnings

This product has no warnings associated with it.



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