

Class 1

Building Product Information Sheet

About this form

This template has been developed to help manufacturers and importers into Aotearoa New Zealand provide the information required by the **Building (Building Product Information Requirements) Regulations 2022**.

How to use

- › Download and save this form in your computer.
- › Fill out the form with the relevant information about your product.
- › You may use this filled out form and publish it on your product web page.

Types of building products

There are two classes of designated building products with different information requirements for each. The below summarises the information that must be provided for each class of product and when the information must be made available.

Class 1: Batch or mass-produced products

Batch or mass-produced products that are typically available for retail or wholesale purchase. For example, cladding products, mechanical fixings, insulation products, internal lining, roofing products, structural wood-based products, structural steel and reinforcing products, sanitary plumbing, and drainage products, including tapware (note: this is not an exhaustive list).

Class 2: Custom-made lines of products

Custom-made lines of products that are made to order to client specifications. For example, external window joinery and doors that have been customised to the specifications of individual clients (for example, specifications on dimensions and glass type).

MBIE provides resources to support manufacturers, importers, wholesalers, distributors, and retailers to understand what their obligations are, and how to meet them.

For more information, visit [Building product information requirements | Building Performance](#)

Background

The Building Amendment Act 2021 introduced new minimum information requirements for building products to support better informed decision-making by building consent authorities, building owners, builders, and designers. The new regulations designate several building products for which building product information must be provided and establish the minimum requirements for that information.

The new regulations will ensure better and more consistent information is available for these products, helping inform building consent authority decisions on building consent applications. This should result in fewer requests for information, and therefore faster processing times. In addition, the requirements will ensure people, including homeowners, are given the information they need to make good decisions about products, and use and maintain them as intended.

Please note that The Ministry of Business, Innovation and Employment (MBIE) is not responsible for the input details provided in the template.

Class 1

Building Product Information Sheet

Product name (include the brand name):

SCREW FAST PROFILED WASHERS - Load Spreading /Thermal Movement

Product description and its intended use (measurements, materials, usage):

Screws Fast Profiled load spreading/thermal movement washers are used on profiled metal roofing. Washers to suit all roofing profiles are available.

Load Spreading - profiled load spreading washers spread high wind uplift loads over a larger area around the head of the fastener. Using load spreading washers under the fastener can increase the load resistance by up to 50%. EPDM 35 seal washers must be fitted under the metal washer.

Thermal Movement - profiled load spreading washers are also used for thermal movement of the profiled metal roofing. Oversized holes (usually 10mm) in the roofing material allow for thermal movement. EPDM 35 seal washers must be fitted under the metal washer.

Designed to fit 12 gauge and 14 gauge roofing screws.

Load Spreading/Thermal Movement Washers are available in the following materials,

Zincalume minimum thickness of 0.95 mm

Aluminium minimum thickness of 1.20 mm

Available in all colours.

Product identifier (if applicable):

MW

(This could be a Global Trade Item Number (GTIN) or quick response code (QR code), or any other distinguishable part/model number or identifier.)

Place of manufacture: Aotearoa New Zealand Overseas

Legal and trading name of the manufacturer(s):

Independent Steel

Address for service:

STREET NAME 5b Heb Place

SUBURB Takanini

CITY, COUNTRY Auckland

POSTCODE 2105

Website:

www.insteel.co.nz

Email address:

Phone no. (if applicable):

09 269 8046

NZBN (if applicable):

Legal and trading name of the importer (if applicable):

Address for service:

STREET NAME	SUBURB
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CITY, COUNTRY	POSTCODE
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Website:

Email address:

Phone no. (if applicable):

NZBN (if applicable):

Relevant Building Code clauses:

NZBC Clause B2 Durability
 B2 1.0 Durability
 B2 2.0 Maintenance
 B2 Steel Figure 1 and Table 1
 NZBC Clause E2 External Moisture
 E2 4.4, 8.1.4, 8.4, 8.4.8, 8.4.9, 9.0, 9.1.2, 9.6, 9.6.4, 9.6.6,
 E2 Figure 39
 E2 Table 20

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

B2 and E2: All NBS Ltd load spreading washers are manufactured and extensively tested to ensure strict conformance with Australian Standard AS 1397:2011 as per the New Zealand Building Code NZS 3604 : 2011.

Load Spreading/Thermal Movement Washers are available in the following materials,

Zincalume AZ150 - minimum thickness of 0.95 mm BMT (Base Metal Thickness). Alloy coating of 43.5% zinc, 55% aluminium and 1.5% silicon as per AS 1397:2011

Aluminium Grade 5052 - minimum thickness of 1.20 mm as per AS/NZS 1866:1997

NZBC Clause B2 requires durability of not less than 15 years.

- options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)
- standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured
- physical properties of the building product
- how the building product is intended to be used.

Limitations on the use of the building product:

The correct washer must be used to suit the profiled metal roofing, being used.

A neoprene washer must be fitted to the roofing screw before fitting the load spreading washer.

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

Load Spreading/Thermal Movement washers should be used in high wind zones and with sheet lengths susceptible to thermal movement.

To be installed by a qualified Trades Person.

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

Use a cordless screw driver set between 2200 and 3000 RPM

Fit a drive socket over the head of the screw.

Fit a roofing screw through the load spreading washer.

Fit an EPDM 35 to the under side of the load spreading washer.

Place at the fastening position.

Apply a consistent firm pressure to the screw driver while the screw is drilling.

Do not over-tighten the screw.

Impact drivers are not recommended.

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

Roofing and cladding screws and load spreading/thermal movement washers, should be sponge washed at least once every three months and more frequently for buildings in severe and very severe coastal environments (eg. close to beaches and coast lines), where rain washing does not occur.

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?:

Yes No

If yes, description of the warning or ban under section 26:

Empty text box for description of the warning or ban under section 26.

Version:

1

Date:

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