

walkway and accessway grating fabricated from steel load bars spaced and held by steel cross bars

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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



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

Perry Grating

[Technical Standards](#)

Technical Statement

Product Description

Perry Mild Steel Grating is walkway and accessway grating fabricated from steel load bars spaced and held by steel cross bars, forming an open grid. Load bar options include but are not limited to 3mm, 5mm, or 7mm thickness. Grating depth starts at 20mm and sizes above this are specified depending on product application and loading.

Load bars and twist rod bars are a minimum of 6mm thickness, and are forge welded together creating a panel with complete integrity.

All panels once cut to size are banded at the open ends to provide additional transverse stiffness and a finished architectural appearance.

Mild Steel Grating is supplied hot dip galvanized to the Australian/New Zealand Hot Dip Galvanizing Standard AS/NZS 4680:2006

Perry Grating can manage the entire project specification, from drawing and layout specification, through manufacturing and quality control to delivery and installation. Where required, a PS1 supporting specific design can be provided.

Scope of use

Perry Mild Steel Grating is designed to provide walkway access in a wide range of industrial, processing and public access situations.

It can also be used as a vertical or horizontal screen.

Mild Steel Grating is an excellent choice for: ·

- Stairs & Walkways ·
- Vertical Sun & Security Screens ·
- Fire Escapes ·
- Balconies ·
- Platform & Decking ·
- Drain covers ·
- Shelving ·
- Vent Grills

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(f), B1.3.3(h), B1.3.4, B1.3.4(a), B1.3.4(b), B1.3.4(c), B1.3.4(d), B1.3.4(e)
- **Clause B2 Durability:** Performance B2.3.1(b)
- **Clause D1 Access routes:** Performance D1.3.3(b), D1.3.3(d)
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Notes

B1 Structure: Perry Mild Steel Grating complies with the structural requirements of B1.3.1, B1.3.2 for the relevant actions of B1.3.3 (a, b, f, h), and B1.3.4.

B2 Durability: Perry Mild Steel Grating meets the durability requirements for B2.3.1 (b) fifteen years

D1 Access: Perry Mild Steel Grating installed in accordance with the manufacturer's instructions is free from dangerous obstructions and from any projections likely to cause an obstruction. It satisfies the requirements of D1.3.3(b) and meets the slip resistance requirements of D1.3.3(d) when both dry and wet.



masterspec partner

Company Contact Details



| | |
|-------------------|---|
| Company: | Perry Grating |
| Physical Address: | 97 Hull Road Mt Maunganui TAURANGA |
| Postal Address: | 97 Hull Road Mt Maunganui TAURANGA |
| Telephone: | 64 07 5779448 |
| Email: | grating@perry.co.nz |
| Website: | https://perrygrating.co.nz/ |

F2 Hazardous Building Materials: Perry Mild Steel Grating does not emit any harmful materials and satisfies F2.3.1.

Evidence

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

Perry Grating will provide a PS1 as a path to compliance. Please contact grating@perry.co.nz for further information.

Perry Mild Steel Grating complies with AS1657:2013 Fixed platforms, walkways, stairways and ladders – Design, construction and installation which is referenced as an Acceptable Solution in D1/AS1 for access routes for service and maintenance personnel.

Perry Mild Steel Grating Load Bearing Bars are manufactured to comply to the steel standards: AS 1594–H250 and AS 3679–250.

Perry Mild Steel Grating is supplied hot-dip galvanised to the Australian/New Zealand Hot Dip Galvanizing Standard AS/NZS 4680:2006

Supporting Evidence

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

Perry Grating
[Technical Standards](#)

Use in Service History

Perry Mild Steel Grating has been installed in facilities for over 15 years.

Product Criteria

Design requirements

Load bar options include but are not limited to 3mm, 5mm, or 7mm thickness. Grating depth starts at 20mm and sizes above this are specified depending on product application and loading.

See the Load Tables for Stainless Steel Grating in our online [Product Catalogue](#), or [contact](#) Perry Grating for assistance with the appropriate grating type for specific applications.

Installation requirements

Panels are supplied to site, banded for installation. Perry Grating fixings clips are recommended for securing grating to the support structure.

Maintenance requirements

Perry Mild Steel grating may require a cleaning and maintenance schedule based on the environment in which it is used.

Warrantees

[Contact](#) Perry Grating for a conformance letter based on element exposure and application.

Company Product Information

Quality Assurance



ISO 9001 (Quality Management)

Relationships



New Zealand Made



Date last validated: 13 September 2022



Date last updated: 13 September 2022

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