

# ROOF ACCESS **WALKWAY SOLUTIONS**

GRP AUSTRALIA | 2026

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ROOF ACCESS WALKWAY SOLUTIONS 2026

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## 1.0 OVERVIEW

FRP Moulded grating is a **one piece grating panel** manufactured in a heated mould using continuous **glass fibre rovings and resin**. GRP Australia' rooftop walkways are designed to use ultra lightweight materials that protects the roof from maintenance damage, this also provides an easier and safer non-slip rooftop access for users.

### Benefits of FRP Moulded Grating

- *Anti-slip Flooring*

The standard GRP Australia grating is supplied with a grit surface which has a P5 rating.

- *Corrosion & Fire Resistant*

Excellent corrosion resistance and available in several resin types to suit the application.

- *High Strength to weight ratio*

Provides excellent structural strength while being lightweight, ensuring safety and durability.

- *Non-Magnetic and non-conductive*

Do not interfere with sensitive electronic equipment, making them suitable for MRI rooms, aerospace, and defense applications.

- *Colours*

Available in a range of colours using the RAL Colour Chart. Standard colours are listed below.



**Cost Competitive**



**Non-corrosive & rot resistant**



**As strong as steel**



**Termite & vermin proof**



**High fire resistance**



**UV Stabilised**



**Lightweight & easy to lift**

### GRP AUSTRALIA Moulded Grating SKU Breakdown

e.g. MG3815G-IY 615

MG	38	15	G	-	I	Y	615
Grating Type	Mesh Size	Thickness	Surface Finish	-	Resin Type	Colour	Sheet Size

Grating Type	Description	
MG	Moulded Grating	
Mesh Size	Description	Open Area %
38	38x38 Standard	56-78%
Finish	Description	
G	Standard Grit	

Colour Code	Description	Colour
Y	Signal Yellow RAL1003	

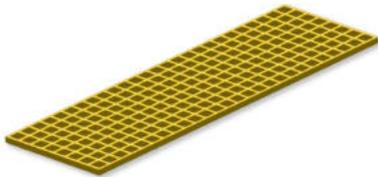
\*Alternative colours available on request using RAL Colour Chart. Leadtime: 10-12 Weeks

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### 2.1 PRODUCT RANGE | ROOF ACCESS GRATING



FRP Roof Access Grating: robust, slip-resistant, and UV-stable, built to withstand Australia's extreme weather. Utilising Grating type 38x38 in the system, it is ideal for safe access to rooftops and plant platforms, delivering corrosion resistance and low maintenance. This grating keeps workers secure while protecting the roof surface. Lightweight for easy installation, it's the smart choice for both commercial and industrial sites.

**Hole Aperture:** 33mm | **Open Area:** 49-78%

#### Surface Finishes

#### Standard Colours



Standard Grit



**RAL1003**  
Signal Yellow

#### Sheet Size Options

SKU	Thickness	Bar Size	Panel Size	Weight
	(mm)	Top (mm) / Bottom (mm)	(mm)	(kg/sheet)
MG3815	15	6.0/5.0	615 x 3665	15.8

*\*Alternative sheet sizes, colours & surface finishes available upon request.  
(Contact GRP Australia for more details)*

## 2.2 PRODUCT RANGE | CLIPS & FASTENERS



M - Clips are used to fix moulded grating panels directly into joist sub-structures. Recommend 4 x clips per square metre & pair with an appropriate bolt/screw



### M Clip Technical Details

SKU	Depth (mm)	Grating Type	Grating Thickness (mm)	Material
CM3813	13	38x38 Standard	15mm thick	316ss

### Recommend Fixings

When installing Roof Access Moulded Grating, selecting the right fixings is essential to ensure both safety and long-term performance in Australia's demanding conditions. These include:

*\* 2 x Dome washers recommended per M Clip / Screw.  
1 x above clip & 1 x underneath clip*



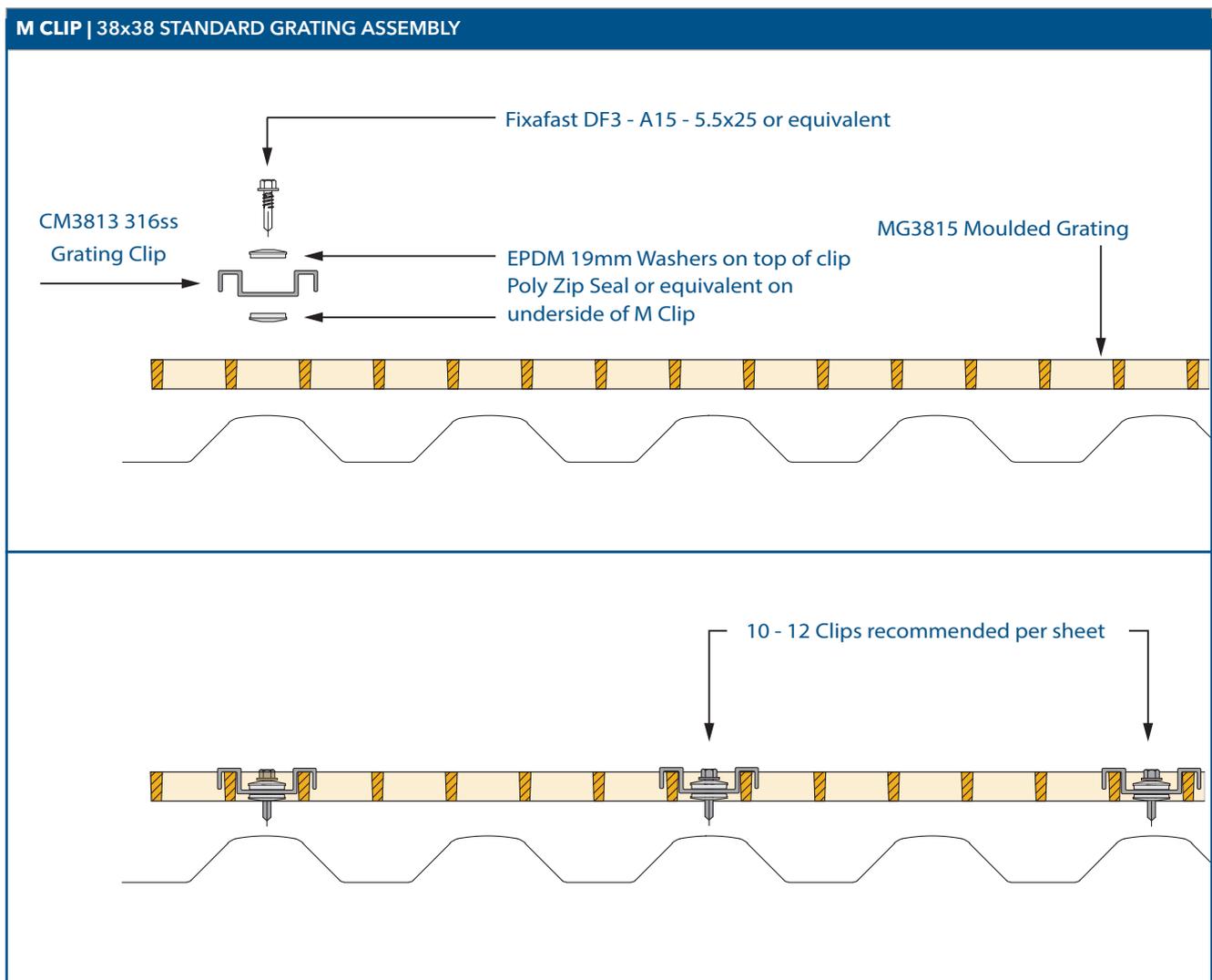
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### 3.0 M CLIPS | INSTALLATION

M-Clips are designed to secure adjacent FRP Moulded Grating panels together, preventing movement and creating a stable walking surface. These clips are essential for ensuring proper grating alignment and maintaining structural integrity in industrial, commercial, and chemical environments. The details below illustrates standard installation methods that can be applied to moulded grating. Clip and fastening selections should be made according to the substrate material in use.

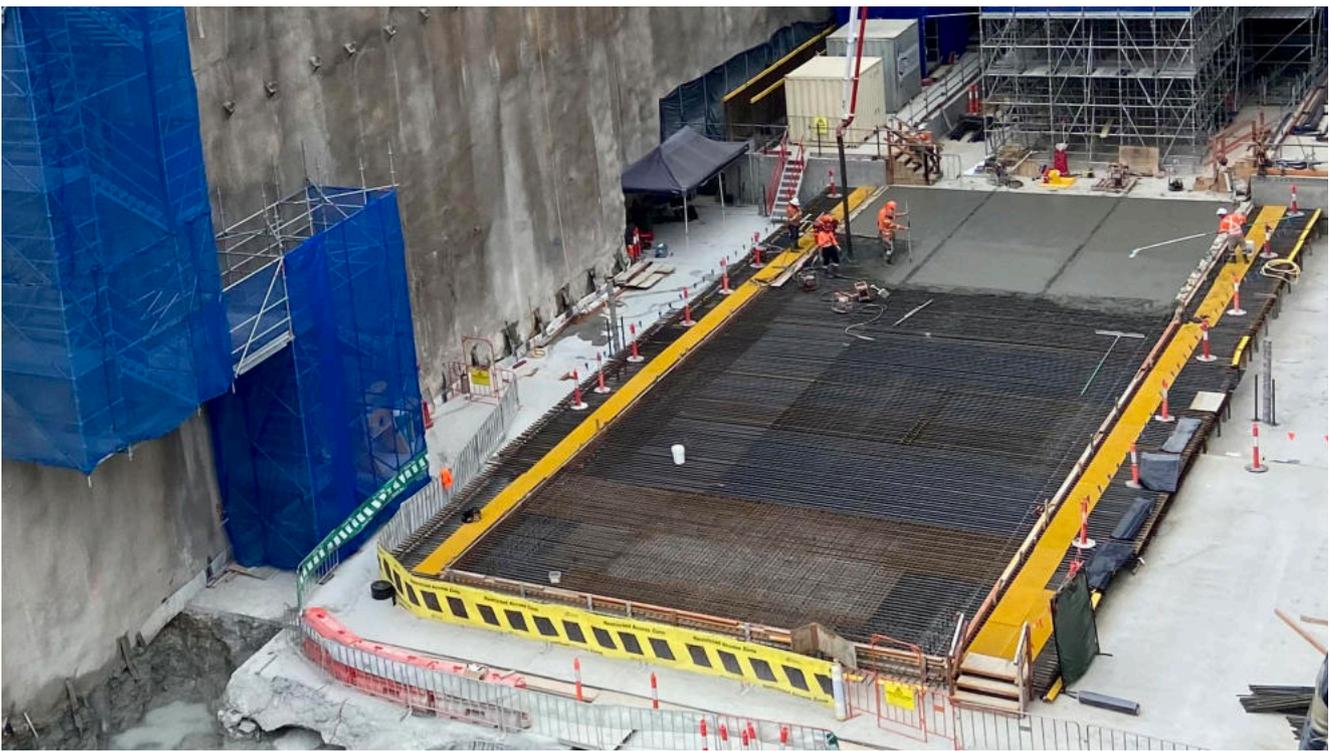


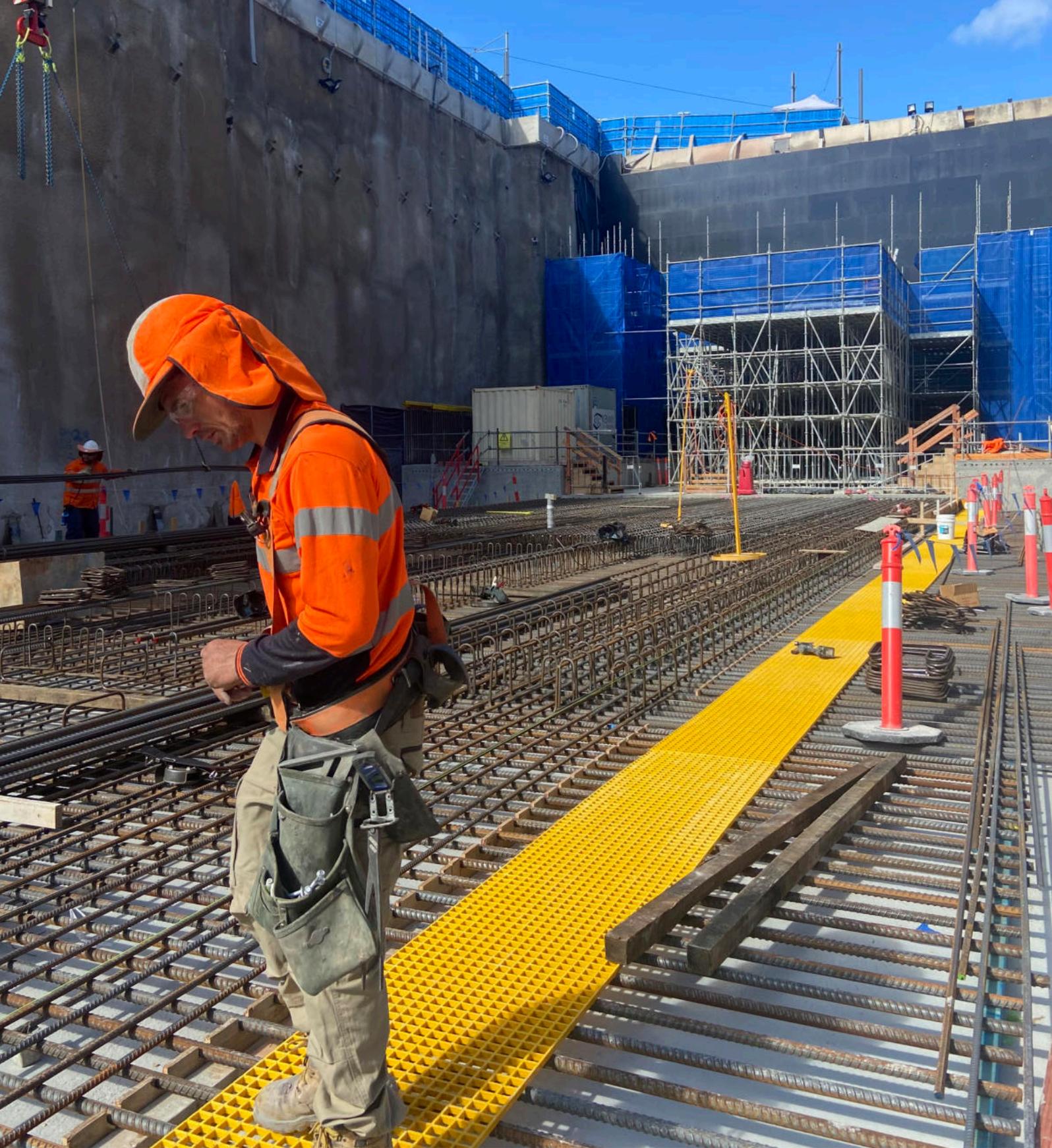
For rooftop maintenance access (Air conditioning & vent system access, solar panel, roof plant etc.).

- Spreads foot traffic loads over roof sheeting, avoiding roof sheet crimping.
- Easy attachment utilizing 'M' clips and roof screws. Additional rubber washer required.
- Non slip finish
- Does not rust or stain

As an alternative to the installation method shown above, GRP Australia can provide a light weight GRP structural frame for support of the grating and/or handrails.

# 4.0 GALLERY





**GRP AUSTRALIA**

**L:** 936 Nudgee Rd, Banyo. QLD. 4014

**E:** [sales@grpaustralia.com.au](mailto:sales@grpaustralia.com.au)

**P:** 07 3252 1244