MOULDED GRATING

PRODUCT GUIDE

GRP AUSTRALIA | 2025

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1.0 COMPANY BRIEF

GRP Australia is a Brisbane based, owned and operated company. As an independent supplier we source and import FRP pultruded structural sections and FRP moulded grating from trusted quality manufacturers. This enables us to provide our customers with quality products at competitive prices. In addition to supplying quality products, GRP Australia also provides design and fabrication services which can be for simple cutting services to detail design and fabrication of complete walkways and platforms.

We stock a wide range of commonly used moulded grating in various sizes and colours however, custom sizes and colours can also be supplied with a typical lead time of 10 to 12 weeks. Our sales staff are happy to assist with your enquiries.

2.0 RESIN BASE

GRP Australia offers four resin systems to accommodate various applications ensuring the optimal utilisation of moulded grating. Resin type should be chosen according to the environment in which the material is intended to be used.

Resin Type	Resin Base	Description	Corrosion Resistance	Flame Spread Rating ASTM E84	Cost
VER-25	Vinyl ester	Superior corrosion resistance and retardant.	Excellent	Class 1, 25 or less	
VER-10	Vinyl ester	Superior corrosion resistance and enhanced retardant	Excellent	Class 1, 10 or less	Most Expensive
IFR-25	Isophthalic polyester	Industrial grade corrosion resistance and fire retardant	Very good	Class 1, 25 or less	Least Expensive
IFR-10	Isophthalic polyester	Industrial grade corrosion resistance and extra fire retardant	Very good	Class 1, 10 or less	

VER-25

Primarily used in grey water, mining, plating and petrochemical applications. Type VEFR-25 is designed to withstand harsh chemical environments where the grating is subject to direct contact with harsh chemicals.

IFR-25

Type IFR-25 provides an intermediate level of chemical resistance suitable for grating exposed to splash and spill contact with hard chemicals. With a flame spread rating of 25 or less, it is an ideal general purpose resin with a reduced cost.

VER-10

Type VEFR-10 is manufactured with an enhanced flame spread rating of 10 or less for applications that require additional flame resistance i.e *offshore platform*.

IFR-10

Type VEFR-10 has an enhanced flame spread rating of 10. It is manufactured to the same high quality as Type IFR-25.

3.0 FIRE PROPERTIES

RESIN TYPE	RESIN CODE	GENERAL PROPERTIES		Flame Spread Rating ASTM E84
IFR25	I	Isophthalic Polyester	Standard grating resin type. Very good chemical resistance and good flame resistance. Good general purpose resin suitable for most applications.	Class 1, 25, or less
VER25	V	Vinyl Ester	Excellent chemical resistance and good flame resistance. Suitable for applications in aggressive environments and higher temperatures.	Class 1, 25, or less
IFR10	I10	Isophthalic Polyester	Refer to IFR25. Superior flame resistance.	
VER10	V10	Vinyl Ester	Refer to VER25. Superior flame resistance.	

Critical Radiant Flux (CHF)

Radiant Heat Tests were conducted on Moulded Grating in accordance with AS ISO 9239.1 - 2003 standards for fire testing of flooring coverings. All evaluations were performed on grating with a silicone grit surface to assess its fire resistance and suitability.

RESIN TYPE		CHF VALUE KW/M^2	HF30 KW/M^2	SMOKE VALUE % MIN
IFR25	Isophthalic Polyester	9	9.5	365
VER25	Vinyl Ester	11	NR Flame out before 30min	84
IFR10	Isophthalic Polyester	11	NR Flame out before 30min	54

4.0 ENVIRONMENT & DISPOSAL

FRP moulded grating (fiberglass–reinforced unsaturated polyesters) are a stable and virtually non-degradable material. Offcuts and profiles which are at the end of their service life, can be disposed as normal industrial waste as the materials do not give off substances which can harm the environment.

FRP offer significant CO2 emission benefits compared to traditional materials such as steel or concrete during construction and manufacturing. The lightweight nature of FRP reduces transportation emissions, while their durability and corrosion resistance result in longer lifespans, minimizing the need for frequent replacements and associated emissions from production.

5.0 OVERVIEW

FRP Moulded grating is a **one piece grating panel** manufactured in a heated mould using continuous **glass fibre rovings and resin**. The grating is ideally suited for residential decking, pontoons, walkways, flooring, screening, trench covers, stair treads and industrial and mining processing plants.

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. MG3825G-IG 3665

MG	38	25	G	-	I	G	3665
Grating Type	Mesh Size	Thickness	Surface Finish	-	Resin Type	Colour	Sheet Size

Grating Type	Description	
MG	Moulded Grating	
PG	Pultruded Grating	
Mesh Size	**Description**	**Open Area %**
13	13x13 Heel Guard	30%
19	19x19 Mini Mesh	40%
26	26x26 Agri Mesh	60%
38	38x38 Standard	56-78%
50	50x50 Mesh	78-82%
83	83x83 Mesh	84%

Colour Code	Description	Colour
G	Grass Green RAL6010	
LG	Light Grey RAL9006	
SG	Slate Grey RAL7015	
Y	Signal Yellow RAL1003	
BG	Black Grey RAL7021	

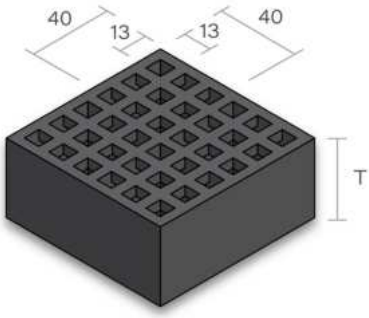
**Alternative colours available on request using RAL Colour Chart. Leadtime:10-12 Weeks*

Moulded Grating Surface Finishes

FRP (Fiber Reinforced Plastic) molded grating surface finishes offer a range of options catering to diverse needs. These finishes provide varying levels of slip resistance and durability suitable for different environments such as industrial floors, walkways, and residential decking.

Surface Finish		SKU CODE	Description	SLIP RATING AS4586:2013
	**Concave Finish**	C	Natural finish with slight concave profile on load bars	P5
	**Flat Surface**	FS	13x13 &19x19 Moulded grating ground to a smooth flat surface *(Thickness of grating will be 2-3mm shorter due to grinding flat)*	P2
			38x38 Moulded grating ground to a smooth flat surface *(Thickness of grating will be 2-3mm shorter due to grinding flat)*	P4
	**Fine Grit**	FG	A fine grit surface finish which requires the surface to be ground smooth to remove the concave finish before applying fine sand.	P5
	**Glass Beaded**	GB	A refined grit surface finish which requires the surface to be ground smooth to remove the concave finish before applying fine sand.	P5
	**Standard Grit**	G	Standard non-slip grit surface	P5
	**Diamond Top**	DT	Flat top plate with raised tread pattern to maximise grip. Diamond Top thickness 3 or 5mm. Plate thickness adds to the overall thickness of the grating	P5
	**Grit Top**	GT	Grit Top Plate with a standard grit finish. 3mm or 5mm thick top plate. Plate thickness adds to the overall thickness of the grating	P5

6.1 HEEL GUARD | 13x13 / 40x40



Heel Guard Moulded Grating is perfect for commercial and residential applications, including outdoor patios, pool areas, and walkways, where slip resistance and safety are essential. Its lightweight, corrosion-resistant design ensures durability and low maintenance, making it an ideal choice for enhancing safety in high-traffic areas around homes, parks, and retail spaces.

Hole Apperture: 8mm | **Open Area:** 30%

Surface Finishes

Fine Grit

Glass Beaded

Standard Colours

RAL7021 *Black Grey*

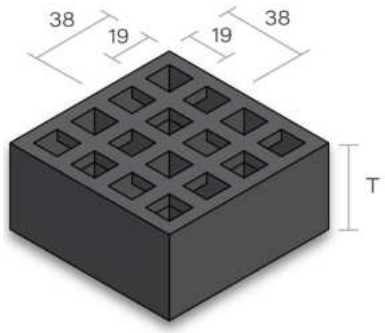
RAL9006 *Light Grey*

Sheet Size Options

SKU	Thickness	Bar Size	Panel Size	Weight
	(mm)	Top (mm) / Bottom (mm)	(mm)	(kg/sheet)
MG1325	25	6.5/5	1007 x 3007	53.9
		6.5/5	1247 x 4047	89.8
MG1330	30	6.5/5	1007 x 3007	57.8
		6.5/5	1247 x 4047	96.4
MG1338	38	6.5/5	1007 x 3007	72.1
		6.5/5	1247 x 4047	120.1

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

6.2 MINI MESH | 19x19 / 38x38



Minimesh Grating is an ideal solution for commercial and marine applications such as boardwalks, pontoons, and marina walkways, where exposure to water and harsh environmental conditions demands durability and slip resistance. Its lightweight yet robust design provides a safe, low-maintenance surface that withstands constant foot traffic, saltwater corrosion, and varying weather conditions.

Hole Apperture: 13mm | **Open Area:** 40%

Surface Finishes

Fine Grit

Flat Surface

Standard Colours

RAL7021 *Black Grey*

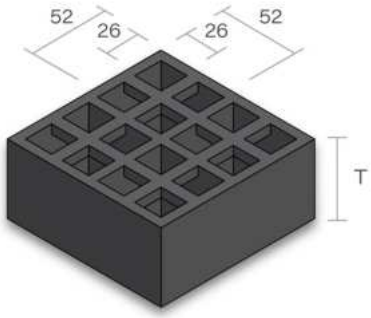
RAL9006 *Light Grey*

Sheet Size Options

SKU	Thickness	Bar Size	Panel Size	Weight
	(mm)	Top (mm) / Bottom (mm)	(mm)	(kg/sheet)
MG1925	25	6.5/5.0	1226 x 2445	50.3
		6.5/5.0	1226 x 3665	75.5
MG1930	30	6.5/5.0	1226 x 3665	84.5
MG1938	38	6.5/5.0	1226 x 2445	70.3
		6.5/5.0	1226 x 3665	105.6

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

6.3 AGRI MESH | 26x26 / 52x52



Agri Mesh Moulded Grating offers a durable, lightweight, and corrosion-resistant solution for various agricultural applications. Its high strength-to-weight ratio, slip resistance, and easy installation make it ideal for use in livestock areas, drainage systems, walkways, and other environments exposed to harsh conditions.

Hole Apperture: 19mm | **Open Area:** 60%

Surface Finishes

Fine Grit

Standard Colours

RAL7021
Black Grey

Sheet Size Options

SKU	Thickness	Bar Size	Panel Size	Weight
	(mm)	Top (mm) / Bottom (mm)	(mm)	(kg/sheet)
MG2630	30	7.0/6.0	998 x 3075	46.9
		7.0/6.0	1534 x 4053	95.1
MG2638	38	6.0/5.0	1512 x 4012	118.3

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

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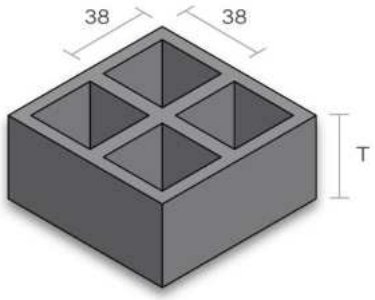
6.4 STANDARD | 38x38



Standard Grating is a durable, corrosion-resistant solution commonly used in harsh industrial environments, including wastewater treatment plants, chemical processing facilities, and offshore platforms. Its lightweight yet strong design makes it ideal for walkways, stair treads, platforms, and drainage covers where safety, slip resistance, and longevity are essential.

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

Surface Finishes

Standard Grit

Standard Colours

RAL7015 *Slate Grey*

RAL1003 *Signal Yellow*

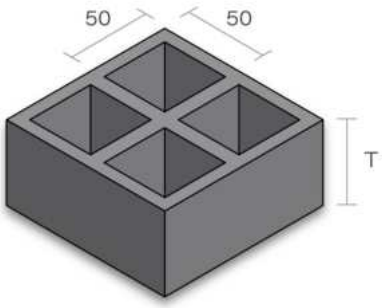
RAL6010 *Grass Green*

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
MG3820	20	6.5/5.0	1226 x 3665	44.0
MG3825	25	6.5/5.0	1226 x 3665	55.3
MG3830	30	6.5/5.0	1226 x 3665	65.6
MG3838	38	7.0/5.0	1226 x 3665	87.6
MG3850	50	11.0/9.0	1226 x 3665	188.8

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

6.5 STANDARD | 50x50



Standard Grating is a durable, corrosion-resistant solution commonly used in harsh industrial environments, including wastewater treatment plants, chemical processing facilities, and offshore platforms. Its lightweight yet strong design makes it ideal for walkways, stair treads, platforms, and drainage covers where safety, slip resistance, and longevity are essential.

Hole Apperture: 44mm | **Open Area:** 78-82%

Surface Finishes

Standard Grit

Standard Colours

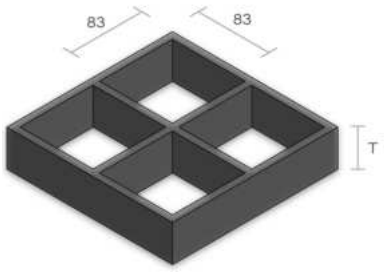
RAL7015
Slate Grey

Sheet Size Options

SKU	Thickness	Bar Size	Panel Size	Weight
	(mm)	Top (mm) / Bottom (mm)	(mm)	(kg/sheet)
MG5015	15	6.0/5.0	1228 x 3666	26.6
		6.0/5.0	1228 x 4020	29.1
MG5025	25	7.0/6.0	1230 x 4020	56.9
MG5040	40	6.8/5.0	1225 x 4020	97.1
MG5050	50	8.0/6.0	1230 x 4020	117.2
		8.0/6.0	1532 x 4020	145.9

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

6.6 STANDARD | 83x83



83x83 Moulded Grating is a lightweight, corrosion-resistant, and slip-resistant solution ideal for commercial and architectural applications. It is commonly used in facade designs, sunshades, balcony enclosures, rooftop access areas, and decorative structures, offering durability, weather resistance, and aesthetic versatility. Its non-corrosive and UV-resistant properties make it perfect for malls, hotels, resorts, office complexes, and eco-friendly urban developments, providing both functionality and modern design appeal.

Hole Apperture: 76mm **| Open Area:** 84%

Surface Finishes

Flat Surface

Colours

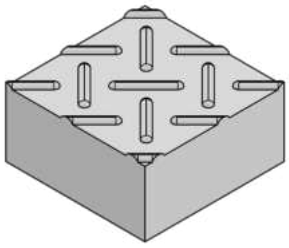
CUSTOM
Any RAL Colour

Sheet Size Options

SKU	Thickness	Bar Size	Panel Size	Weight
	(mm)	Top (mm) / Bottom (mm)	(mm)	(kg/sheet)
MG8338	38	6.5/5.0	1007 x 3007	30.3
		6.5/5.0	1247 x 4047	50.5
MG8340	40	6.5/5.0	1007 x 3007	33.3
		6.5/5.0	1247 x 4047	55.5

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

6.7 DIAMOND TOP | 38x38



FRP Moulded Grating with a diamond top surface is a high-strength, corrosion-resistant grating designed for enhanced traction and durability in commercial and architectural applications. It is commonly used for rooftop walkways, industrial mezzanines, machine platforms, balcony enclosures, and decorative screening, offering a sleek yet functional solution for environments requiring slip resistance, weather resistance, and modern aesthetics.

Surface Finishes

Diamond Top

Colours

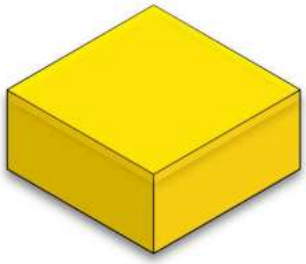
CUSTOM
Any RAL Colour

Sheet Size Options

SKU	Thickness	Top Cover Thickness	Panel Size	Weight
	(mm)	(mm)	(mm)	(kg/sheet)
MG3828DT3	25	3	1226 x 3665	80.0
MG3830DT5	25	5	1226 x 3665	97.7
MG3833DT3	30	3	1226 x 3665	90.3
MG3835DT5	30	5	1226 x 3665	108.0
MG3841DT3	38	3	1226 x 3665	112.3
MG3843DT5	38	5	1226 x 3665	130.0

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

6.8 GRIT TOP | 38x38



FRP Moulded Grating with a solid grit top surface is a durable, non-slip solution designed for maximum safety and corrosion resistance in high-traffic and wet environments. It is commonly used for access ramps, pedestrian bridges, rooftop walkways, maintenance platforms, and commercial entryways, providing a sealed, anti-slip surface that prevents debris buildup while ensuring long-lasting performance in both indoor and outdoor spaces.

Surface Finishes

Grit Top

Colours

CUSTOM
Any RAL Colour

Sheet Size Options

SKU	Thickness	Top Cover Thickness	Panel Size	Weight
	(mm)	(mm)	(mm)	(kg/sheet)
MG3828GT3	25	3	1226 x 3665	80.0
MG3830GT5	25	5	1226 x 3665	97.7
MG3833GT3	30	3	1226 x 3665	90.3
MG3835GT5	30	5	1226 x 3665	108.0
MG3841GT3	38	3	1226 x 3665	112.3
MG3843GT5	38	5	1226 x 3665	130.0

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

7.0 MOULDED GRATING SELECTION GUIDE

Reference Guide for Moulded Grating Profiles

The tables below are a quick reference guide for grating profile selection. The tables assume a maximum grating deflection of under 5mm for the stated UDL and point load. The reference loads used are from AS/NZS 1170.1 2002 and consideration must be given to any additional loads which may be imposed. Only the most economical (thinnest) grating panels are listed. Thicker panels can be used for additional rigidity.

Typical Domestic & Residential Applications General areas.

UDL 2KPa, Point Load 1.8kN				
Span	Suitable Grating Profiles			
450	MG1325	MG1925	MG3825	MG2630
600	MG1325	MG1925	MG3825	MG2630
900	MG1330	MG1930	MG3830	MG2630
1200	MG1338	MG1938	MG3838	

Balconies & Roofs with Communal Access & Public Walking Tracks.

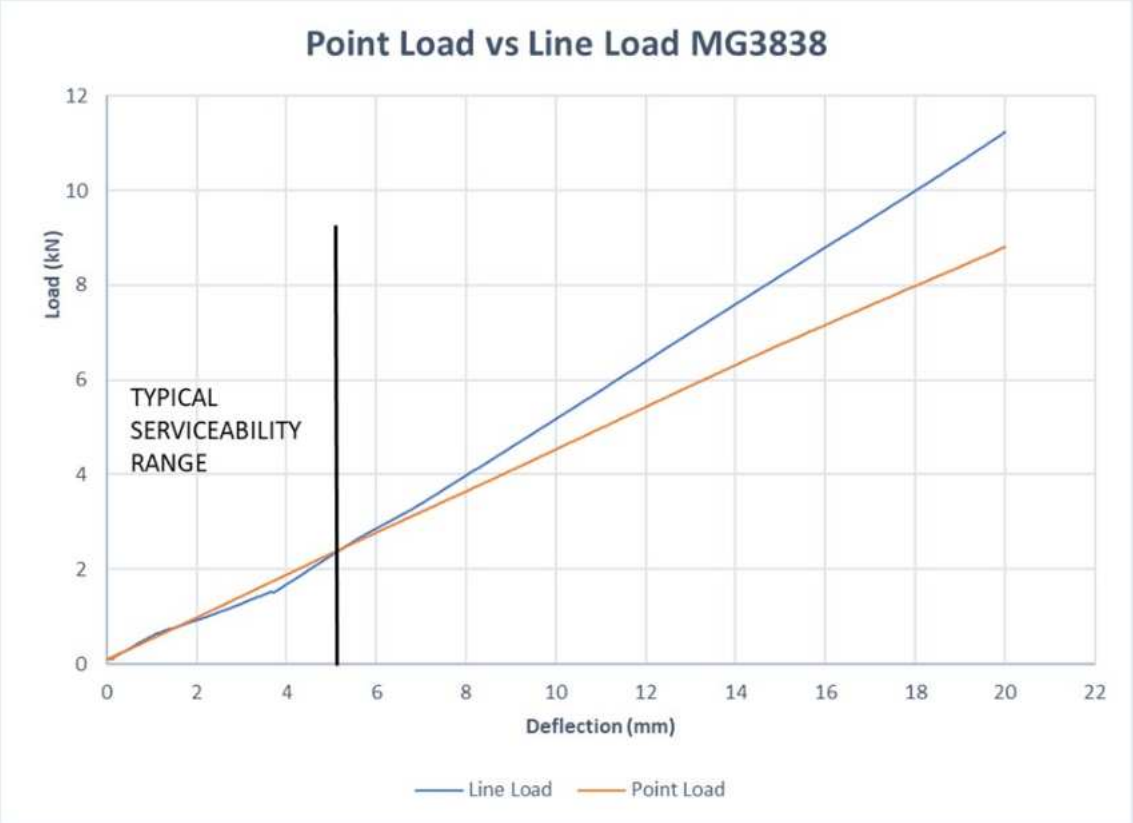
UDL 4KPa, Point Load 1.8kN				
Span	Suitable Grating Profiles			
450	MG1325	MG1925	MG3825	MG2630
600	MG1325	MG1925	MG3825	MG2630
900	MG1330	MG1930	MG3830	MG2630
1200	Contact GRP Australia for Alternative Solutions			

Public Areas where people may Conregate including footpaths, landings & terraces subject to wheeled vehicles.

UDL 5KPa, Point Load 4.5kN				
Span	Suitable Grating Profiles			
450	MG1325	MG1925	MG3825	MG2630
600	MG1330	MG1930	MG3830	MG2630
900	MG1338	MG1938	MG3838	
1200	Contact GRP Australia for Alternative Solutions			

8.0 POINT LOAD VS LINE LOAD

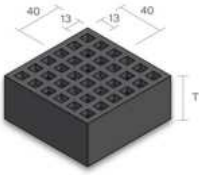
The following pages have tables that show how much different types and thicknesses of molded grating deflect under loads. These tables are based on two types of loads: a line load (measured in kN/m) and a Uniform Distributed Load (measured in kPa). Unlike steel grating, molded GRP grating has load bars that run in both directions. Because of this, when a line load is applied over one meter, it causes about the same amount of deflection as an equivalent point load within the range of 0 to 5mm deflection that's typically acceptable. This is shown in the graph below, where a meter-wide piece of MG3838 grating was tested with both a point load and a line load over a span of 900mm.

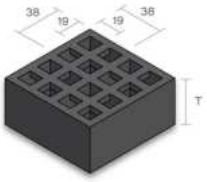


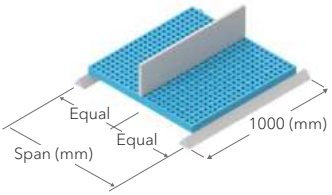
9.1 HEEL GUARD & MINI MESH

Load Tables

Tables below are loading tables for both Heel Guard (13x13) & Mini Mesh (19x19) Moulded Grating. These tables are calculated using a line load and a Uniformly Distributed Load acting at the different span widths and the various thicknesses.

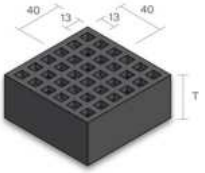


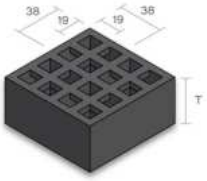


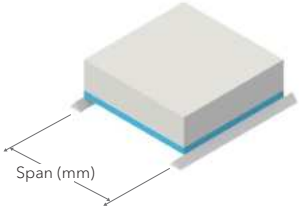


Concentrated Line Load kN/m - Deflection in (mm)

Span	SKU		THK. (mm)	1.5	1.8	2.7	3.5	4.5	7	10	13
300	MG1325	MG1925	25	<0.5	<0.5	<0.5	0.5	0.7	1.1	1.5	2.0
	MG1330	MG1930	30	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	0.9	1.1
450	MG1325	MG1925	25	0.8	0.9	1.4	1.8	2.3	3.6	5.2	6.7
	MG1330	MG1930	30	<0.5	0.5	0.8	1.0	1.3	2.1	3.0	3.9
	MG1338	MG1938	38	<0.5	<0.5	<0.5	0.5	0.7	1.1	1.5	2.0
600	MG1325	MG1925	25	1.8	2.2	3.3	4.3	5.5	8.6	12.3	
	MG1330	MG1930	30	1.1	1.3	1.9	2.5	3.2	4.9	7.0	9.1
	MG1338	MG1938	38	0.5	0.6	1.0	1.2	1.6	2.5	3.6	4.6
900	MG1325	MG1925	25	6.2	7.5	11.2					
	MG1330	MG1930	30	3.6	4.3	6.4	8.3	10.7			
	MG1338	MG1938	38	1.8	2.2	3.2	4.2	5.4	8.4	12.0	
1200	MG1325	MG1925	25	14.7							
	MG1330	MG1930	30	8.4	10.1						
	MG1338	MG1938	38	4.3	5.1	7.7	10.0	12.8			







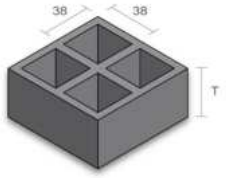
Uniform Distributed Load kPa - Deflection in (mm)

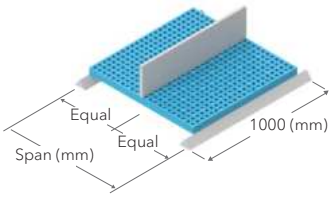
Span	SKU		THK. (mm)	1.5	2.5	3	5	7.5	10	15	20
300	MG1325	MG1925	25	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6
	MG1330	MG1930	30	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
450	MG1325	MG1925	25	<0.5	<0.5	<0.5	0.7	1.1	1.5	2.2	2.9
	MG1330	MG1930	30	<0.5	<0.5	<0.5	<0.5	0.6	0.8	1.3	1.7
	MG1338	MG1938	38	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	0.8
600	MG1325	MG1925	25	0.7	1.2	1.4	2.3	3.5	4.6	6.9	9.2
	MG1330	MG1930	30	<0.5	0.7	0.8	1.3	2.0	4.0	4.6	5.3
	MG1338	MG1938	38	<0.5	<0.5	<0.5	0.7	1.0	1.3	2.0	2.7
900	MG1325	MG1925	25	3.5	5.8	7.0	11.7				
	MG1330	MG1930	30	2.0	3.3	4.0	6.7	10.0	13.3		
	MG1338	MG1938	38	1.0	1.7	2.0	3.4	5.1	5.8	10.2	13.5
1200	MG1325	MG1925	25	11.0							
	MG1330	MG1930	30	6.3	10.5	12.7					
	MG1338	MG1938	38	3.2	5.3	6.4	10.7	16.0			

9.2 STANDARD

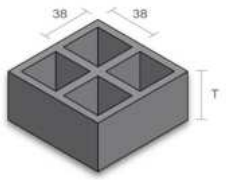
Load Tables

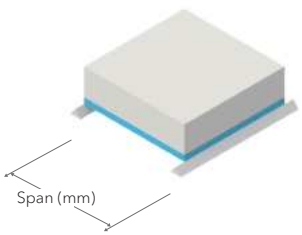
The tables below are loading tables for our standard 38x38 moulded grating. The two loading options are Uniformly Distributed Load and a point load approximately equal to the line load.





			Concentrated Line Load kN/m - Deflection in (mm)							
Span	**SKU**	**THK. (mm)**	**1.5**	**1.8**	**2.7**	**3.5**	**4.5**	**7**	**10**	**13**
300	MG3820	20	<0.5	0.6	0.9	1.1	1.5	2.3	3.2	4.2
450	MG3820	20	1.6	2.0	3.0	3.8	4.9	7.7	10.9	
	MG3825	25	0.7	0.8	1.2	1.6	2.0	3.1	4.4	5.8
	MG3830	30	0.5	0.6	1.0	1.3	1.6	2.5	3.6	4.7
600	MG3820	20	3.9	4.7	7.0	9.1	11.7			
	MG3825	25	1.6	1.9	2.8	3.7	4.7	7.4	10.5	
	MG3830	30	1.3	1.5	2.3	3.0	3.8	6.0	8.5	11.1
	MG3838	38	0.7	0.8	1.2	1.6	2.1	3.2	4.6	6.0
900	MG3825	25	5.3	6.4	9.6	12.4				
	MG3830	30	4.3	5.2	7.8	10.1	13.0	20.2		
	MG3838	38	2.3	2.8	4.2	5.5	7.0	10.9	15.6	
	MG3850	50	0.6	0.7	1.1	1.4	1.8	2.8	4.0	5.2
1200	MG3830	25	10.3	12.3						
	MG3838	38	5.5	6.7	10.0	12.9				
	MG3850	50	1.4	1.7	2.5	3.3	4.2	6.6	9.4	12.3



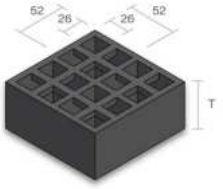


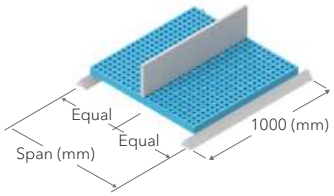
			Uniform Distributed Load kPa - Deflection in (mm)							
Span	**SKU**	**THK. (mm)**	**1.5**	**2.5**	**3**	**5**	**7.5**	**10**	**15**	**20**
300	MG3820	20	<0.5	<0.5	<0.5	<0.5	<0.5	2.3	3.2	4.2
450	MG3820	20	<0.5	0.8	0.9	1.5	2.3	3.1	4.6	6.1
	MG3825	25	<0.5	<0.5	<0.5	0.6	0.9	1.2	1.9	2.5
	MG3830	30	<0.5	<0.5	<0.5	0.5	0.8	1.0	1.5	2.0
600	MG3820	20	1.5	2.4	2.9	4.9	7.3	9.7		
	MG3825	25	0.6	1.0	1.2	2.0	3.0	3.9	5.9	7.9
	MG3830	30	<0.5	0.8	1.0	1.6	2.4	3.2	4.8	6.4
	MG3838	38	<0.5	<0.5	0.5	0.9	1.3	1.7	2.6	3.5
900	MG3825	25	7.4	12.3	14.8	24.6				
	MG3830	30	2.4	4.1	4.9	8.1	12.2	16.2		
	MG3838	38	1.3	2.2	2.6	4.4	6.6	8.8	13.2	
	MG3850	50	<0.5	0.6	0.7	1.1	1.7	2.2	3.4	4.5
1200	MG3830	30	7.7	12.8						
	MG3838	38	4.2	6.9	8.3	13.9				
	MG3850	50	1.1	1.8	2.1	3.5	5.3	7.1	10.6	14.2

9.3 AGRI MESH

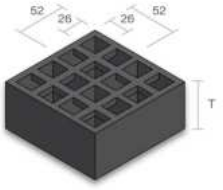
Load Tables

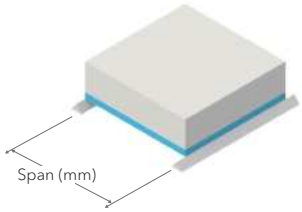
Tables below are loading tables for 26x26 moulded grating. These tables are calculated using a line load and a Uniformly Distributed Load acting at the different span widths and the various thicknesses.





			Concentrated Line Load kN/m - Deflection in (mm)							
Span	**SKU**	**THK. (mm)**	**1.5**	**1.8**	**2.7**	**3.5**	**4.5**	**7**	**10**	**Ultimate Load KN/m**
300	MG2630	30	<0.5	<0.5	<0.5	0.5	0.7	1.1	1.5	
450	MG2630	30	0.5	0.6	1.0	1.3	1.6	2.5	3.6	
600	MG2630	30	3.9	4.7	7.0	9.1	11.7			
900	MG2630	30	5.3	6.4	9.6	12.4				**24.9**
1200	MG2630	30	14.4							



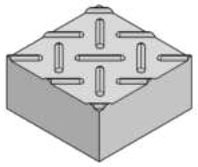


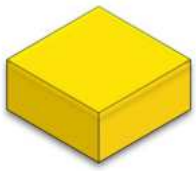
			Uniform Distributed Load kN/m² - Deflection in (mm)						
Span	**SKU**	**THK. (mm)**	**1.5**	**2.5**	**3**	**5**	**7.5**	**10**	**15**
300	MG2630	30	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
450	MG2630	30	<0.5	<0.5	<0.5	0.7	1.1	1.4	2.1
600	MG2630	30	0.7	1.1	1.4	2.3	3.4	4.5	6.8
900	MG2630	30	3.4	5.7	6.9	11.4			
1200	MG2630	30	10.8						

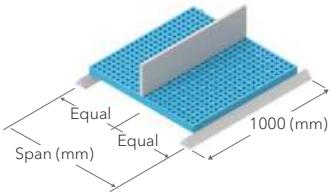
9.4 SOLID TOP MOULDED GRATING

Load Tables

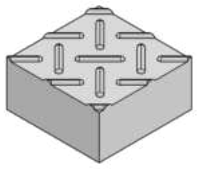
Solid Top Moulded Grating (GT3 and DP3). Top grid 38x38 with 3mm solid top. Various grating thickness as noted. For square mesh grating, point load is approximately equal to line load.

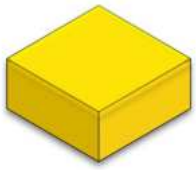


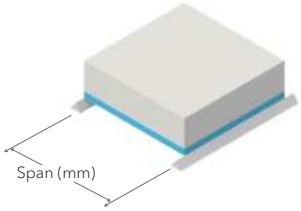




			Concentrated Line Load kN/m - Deflection in (mm)							
Span	**SKU**	**THK. (mm)**	**1.5**	**1.8**	**2.7**	**3.5**	**4.5**	**7**	**10**	**13**
450	MG3828GT3	28	<0.5	0.5	0.8	1.1	1.4	2.1	3.0	3.9
	MG3833GT3	33	<0.5	<0.5	<0.5	0.6	0.8	1.2	1.8	2.3
	MG3841GT3	41	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	1.0	1.3
600	MG3828GT3	28	1.1	1.3	1.9	2.5	3.2	5.0	7.1	
	MG3833GT3	33	0.6	0.8	1.1	1.5	1.9	2.9	4.2	5.5
	MG3841GT3	41	<0.5	<0.5	0.6	0.8	1.0	1.6	2.3	3.0
900	MG3828GT3	28	3.6	4.3	6.5	8.4	10.8			
	MG3833GT3	33	2.1	2.6	3.8	5.0	6.4			
	MG3841GT3	41	1.2	1.4	2.1	2.7	3.5	5.5	7.8	10.2
1200	MG3828GT3	28	8.6	10.3						
	MG3833GT3	33	5.0	6.1	9.1	11.8				
	MG3841GT3	41	2.8	3.3	5.0	6.5	8.3			

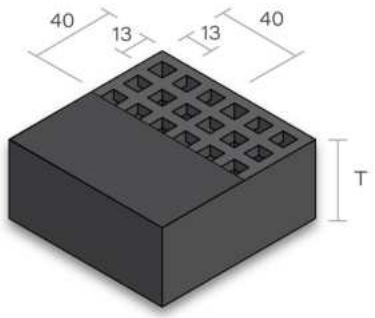






			Uniform Distributed Load kPa- Deflection in (mm)							
Span	**SKU**	**THK. (mm)**	**1.5**	**2.5**	**3**	**5**	**7.5**	**10**	**15**	**20**
450	MG3828GT3	28	<0.5	<0.5	<0.5	<0.5	0.6	0.8	1.3	1.7
	MG3833GT3	33	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	1.0
	MG3841GT3	41	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
600	MG3828GT3	28	<0.5	0.7	0.8	1.3	2.0	2.7	4.0	5.4
	MG3833GT3	33	<0.5	<0.5	<0.5	0.8	1.2	1.6	2.4	3.2
	MG3841GT3	41	<0.5	0.8	<0.5	<0.5	0.7	0.9	1.3	1.7
900	MG3828GT3	28	2.0	3.4	4.1	6.8	10.2	13.6		
	MG3833GT3	33	1.2	2.0	2.4	4.0	6.0	8.0	12.0	
	MG3841GT3	41	0.7	1.1	1.3	2.2	3.3	4.4	6.6	8.8
1200	MG3828GT3	28	6.4	10.7	12.9					
	MG3833GT3	33	3.8	6.3	7.6	12.6				
	MG3841GT3	41	2.1	3.5	4.2	6.9	10.4	10.4	13.9	

10.1 STAIR TREADS | 13x13 / 40x40



Heel Guard Stair Treads are perfect for commercial and residential applications, including outdoor patios, pool areas, and walkways, where slip resistance and safety are essential. Its lightweight, corrosion-resistant design ensures durability and low maintenance, making it an ideal choice for enhancing safety in high-traffic areas around homes, parks, and retail spaces.

Hole Apperture: 8mm | **Open Area:** 30%

Surface Finishes

Glass Beaded

Standard Colours

Black Grey Nosing

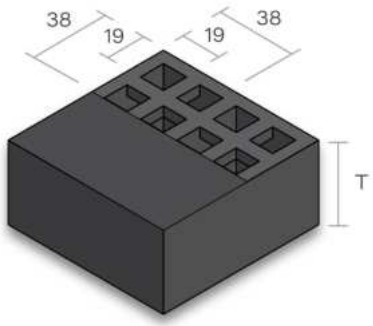
Light Grey Nosing

Tread Size Options

SKU	Thickness	Bar Size	Tread Size	Weight
	(mm)	(mm)	(mm)	(kg/tread)
ST1338	38	6.5/5.0	287 x 3687	25.5

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

10.2 STAIR TREADS | 19x19 / 38x38



Minimesh Stair Treads are an ideal solution for commercial and marine applications such as boardwalks, pontoons, and marina walkways, where exposure to water and harsh environmental conditions demands durability and slip resistance. Its lightweight yet robust design provides a safe, low-maintenance surface that withstands constant foot traffic, saltwater corrosion, and varying weather conditions.

Hole Apperture: 13mm **| Open Area:** 40%

Surface Finishes

Fine Grit

Standard Colours

Black Grey Nosing

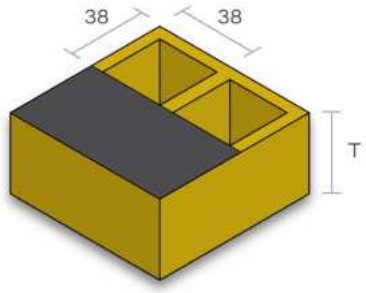
Light Grey Nosing

Tread Size Options

SKU	Thickness	Bar Size	Tread Size	Weight
	(mm)	(mm)	(mm)	(kg/tread)
ST1938	38	6.5/5.0	275 x 1188	7.7
		6.5/5.0	275 x 3665	24

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

10.3 STAIR TREADS | 38x38



Standard Stair Treads are a durable, corrosion-resistant solution commonly used in harsh industrial environments, including wastewater treatment plants, chemical processing facilities, and offshore platforms. Its lightweight yet strong design makes it ideal for walkways, stair treads, platforms, and drainage covers where safety, slip resistance, and longevity are essential.

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

Surface Finishes

Standard Grit

Standard Colours

Yellow Nosing | *Black Grey Nosing* | *Yellow Nosing*

Tread Size Options

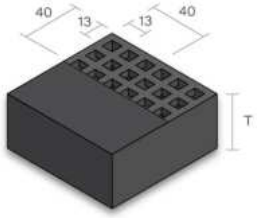
SKU	Thickness	Bar Size	Tread Size	Weight
	(mm)	(mm)	(mm)	(kg/tread)
ST1338	38	6.5/5.0	285 x 3665	20

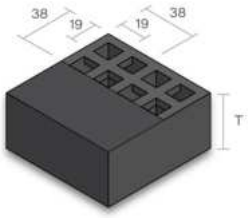
**Alternative sheet sizes, colours & surface finishes available upon request.*
(Contact GRP Australia for more details)

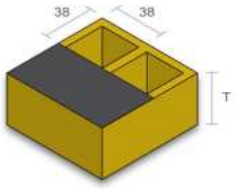
11.0 STAIR TREADS

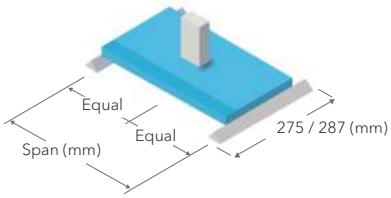
Load Tables

Tables below are loading tables for both Mini Mesh (19x19) and Heel Guard (13x13). These tables are calculated using a line load and a Uniformly Distributed Load acting at the different span widths and the various thicknesses.



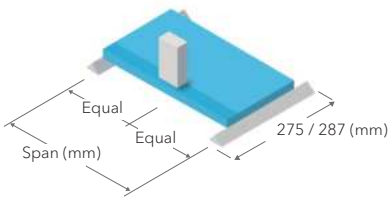






Centre Loading kN - Deflection in (mm)

Span	SKU	TREAD THK. (mm)	TREAD WIDTH (mm)	1.5
600	ST1338	38	287	2.3
	ST1938	38	275	1.8
	ST3838	38	275	2.1
800	ST1338	38	287	5.4
	ST1938	38	275	4.3
	ST3838	38	275	4.9
1000	ST1338	38	287	10.5
	ST1938	38	275	8.4
	ST3838	38	275	9.5



Edge Loading kN - Deflection in (mm)

Span	SKU	TREAD THK. (mm)	TREAD WIDTH (mm)	1.5
600	ST1338	38	287	2.8
	ST1938	38	275	2.1
	ST3838	38	275	2.5
800	ST1338	38	287	9.3
	ST1938	38	275	7.1
	ST3838	38	275	8.4
1000	ST1338	38	287	12.8
	ST1938	38	275	9.8
	ST3838	38	275	11.5

12.1 CLIPS | M CLIP

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

CM1920

5.5mm Hole

20mm Depth

CM2620

6.4mm Hole

20mm Depth

CM3813

8mm Hole

20mm Depth

CM3820

8mm Hole

20mm Depth

CM3838

8mm Hole

20mm Depth

CM3850

8mm Hole

20mm Depth

CM5013

8mm Hole

20mm Depth

M Clip Technical Details

SKU	Thickness	Grating Type	Suitable Grating Thickness	Material
	(mm)		(mm)	
CM1920	20	19x19 Minimesh	All Thicknesses	316ss
CM2620	20	26x26 Agrimesh	All Thicknesses	316ss
CM3813	13	38x38 Standard	15mm thick	316ss
CM3820	20	38x38 Standard	25mm thick & 30mm thick	316ss
CM3838	38	38x38 Standard	38mm thick	316ss
CM3850	50	38x38 Standard	50mm thick	316ss
CM5013	13	50x50 Standard	25mm thick	316ss

12.2 CLIPS | C CLIP

C - Clips are used to connect moulded grating panels together.
600mm - 700mm is the recommeded spacing between C Clips.
M6 Bolt included with each C Clip.

C Clip Technical Details

SKU	Thickness	Grating Type	Suitable Grating Thickness	Material
	(mm)		(mm)	
CC3815	15	38x38 Standard	15mm thick	316ss
CC3825	25	38x38 Standard	25mm thick	316ss
CC3838	38	38x38 Standard	38mm thick	316ss

12.3 CLIPS | J CLIP

J - Clips are used to fix moulded grating panels joist sub-structures as a clamping system. Recommend 4 x clips per square metre & pairs with M Clip or CR24-8-CS washer depending on the grating type. J Clips require a suitable M8 Bolt, M8 Spring Washer & M8 Square Nut to clamp to Moulded Grating.

J Clip Technical Details

SKU	Thickness	Grating Type	Paired Components	Suitable Grating Thickness	Material
	(mm)			(mm)	
CJ3838	38	38x38 Standard	M Clip	All Thicknesses	316ss
CJ3838	38	19x19 Minimesh	CR24-8-CS Washer	All Thicknesses	316ss
CJ3838	38	13x13 Heel Guard	CR24-8-CS Washer	All Thicknesses	316ss

12.4 CLIPS | L CLIP

L - 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

L Clip Technical Details

SKU	Thickness	Grating Type	Suitable Grating Thickness	Material
	(mm)		(mm)	
CL3825	25	38x38 Standard	25mm thick	316ss

12.5 RECESSED WASHERS

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

CR24-6-ST

24mm Diameter

Suitable for 10G & 12G Self Tapper & M6 Counter Sunk Bolt

CR24-8-CS

24mm Diameter

Suitable for M8 Counter Sunk Bolt

CR40

45mm Diamter

8mm Hole

Recessed Washer Technical Details

SKU	Diameter	Grating Type	Suitable Grating Thickness	Material
	(mm)		(mm)	
CR24-6-ST	24	13x13 Heel Guard & 19x19 Minimesh	All Thicknesses	316ss
CR24-8-CS	24	13x13 Heel Guard & 19x19 Minimesh	All Thicknesses	316ss
CR45	45	38x38 Standard	All Thicknesses	316ss

13.0 RECOMMENDED FIXINGS

When selecting appropriate fixings for FRP (Fiber Reinforced Plastic) moulded grating, it's crucial to consider the specific application & environment in which the grating will be installed. Here are a selection of fixings that are commonly used for securing FRP moulded grating:

Cx6 SPAX Screw

60 | 80mm

Grade: A2

- [x] Timber
- [ ] Metal
- [x] FRP

Cx8 SPAX Screw

60mm

Grade: A2

- [x] Timber
- [ ] Metal
- [x] FRP

8Gx65 Timber Screw

65mm

Grade: 316ss

- [x] Timber
- [ ] Metal
- [ ] FRP

M6-11 Buildex Screw

50mm

Grade: G550

- [ ] Timber
- [x] Metal
- [x] FRP

M6 Button Soc Bolt

20 | 30 | 40mm

Grade: 316ss

- [ ] Timber
- [x] Metal
- [x] FRP

8Gx35 Screw

35mm

Grade: G550

- [ ] Timber
- [x] Metal
- [x] FRP

10Gx50 Screw

50mm

Grade: G550

- [ ] Timber
- [x] Metal
- [x] FRP

M8x40 Soc Cap Bolt

40mm

316ss

- [ ] Timber
- [x] Metal
- [x] FRP

M8x80 CSK Bolt

80mm

316ss

- [x] Timber
- [x] Metal
- [x] FRP

14G Bugle Batten

50 | 75mm

316ss

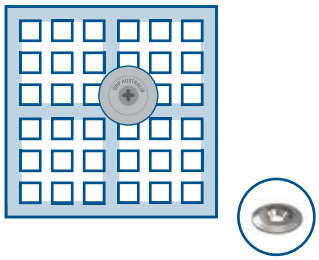
- [x] Timber
- [ ] Metal
- [x] FRP

14.0 RECOMMENDED FIXING LAYOUT

The fixing layout for moulded grating is crucial to ensure structural integrity, safety, and performance in various industrial and commercial applications. Below are typical examples for each grating type in a standard sheet size.

13x13 Heel Guard

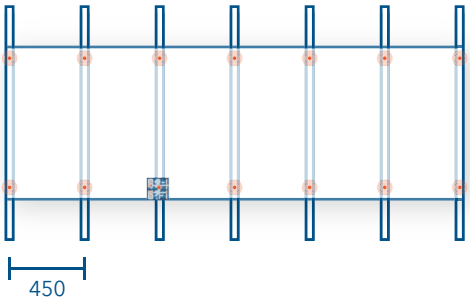
Rest fixing aganist Moulded Grating Major Bar



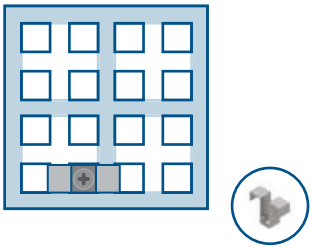
eg. CR24-8-ST

Typical Joist Layout | 1007 x 3007

12-14 Fixings per standard sheet
(Max spacing of 1000mm)



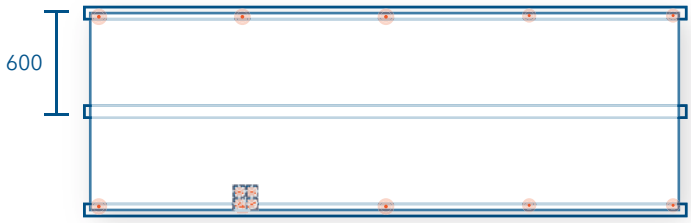
19x19 Mini Mesh



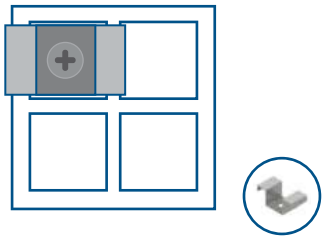
eg. CM1920

Typical Joist Layout | 1226 x 3665

10-12 Fixings per standard sheet
(Max spacing of 1000mm)



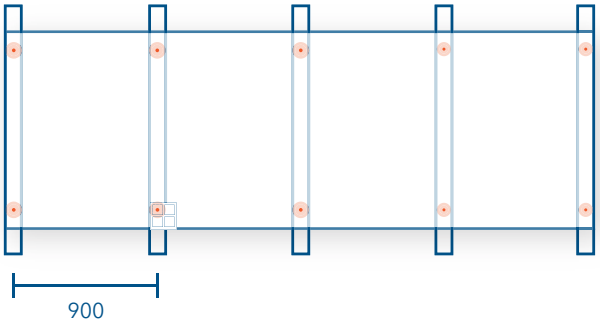
38x38 Standard



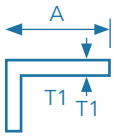
eg. CM3838

Typical Joist Layout | 1226 x 3665

10-12 Fixings per standard sheet
(Max spacing of 1000mm)



15.1 ACCESSORIES | STAIR NOSING



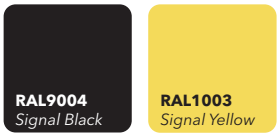
Separate stair nosing with grit provides enhanced safety and durability, ensuring slip-resistant performance for high-traffic stairways.

Standard Stock Length

Surface Finish

Fine Grit

Colours



IFR25 *IFR25*

Profile Options

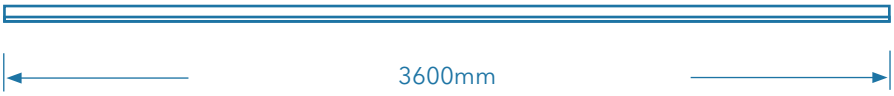
Non-Stocked item (MOQ of 100 lineal metres + 10-12 week lead time)

Profile	Type	Dimension (mm)	Weight (kg/m)
	Stair Nosing	A x B x T1 x T2	
SN	SN70x30x3.2	70x30x3.2	0.29

15.2 ACCESSORIES | FLAT STRIP

Flat strips are used in various applications, including reinforcement, framing, and bracing, for their flexibility, ease of installation, and ability to provide structural support and alignment.

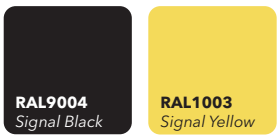
Standard Stock Length



Surface Finish

Fine Grit

Colours



IFR25 *IFR25*

Profile Options

Non-Stocked item *(MOQ of 100 lineal metres + 10-12 week lead time)*

Profile	Type	Dimension (mm)	Weight (kg/m)
	Flat Strip Grit Surface	A x B x T1 x T2	
FSC	FSC50x3.2	50 x 3.2	0.29

15.3 ACCESSORIES | PEDESTALS

Adjustable pedestals for FRP moulded grating provide a versatile support solution, allowing for precise height adjustments to ensure level and stable installations on uneven surfaces. These pedestals enhance the functionality and flexibility of FRP grating systems in various industrial and commercial application.

Adjustable Height Range

Accomodates various elevantions, perfect for applications with uneven substructes or specific design requirements.

Robust Load Capacity

Ultimate Compression Strength | 15kN
Design Compression Strength |11kN

Sustainable & Eco-Friendly

Manufactured using recycled polypropylene. Its design facilities efficient water drainage & air circulation.

Weather Resistant

Designed to ensure extreme temperatures, UV rays & moisture.

Customizable Accessories

Options include; slope correctors, spacer tabs & bearer holders.
*Available upon request

Adjustable Pedestal Options

SKU	Height Range	MOQ
	(mm)	
GP50	50 - 75	46
GP74	74 - 117	34
GP117	117 - 201	20
GP197	197 - 281	12
GP277	277 - 446	6

16.1 M CLIPS | INSTALLATION

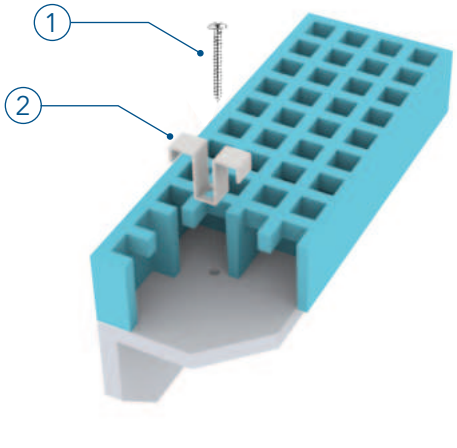
M-Clips are designed to secure FRP Moulded Grating to the supporting structure, ensuring stability, safety, and long-term durability. These clips prevent lateral movement and uplift, making them essential for applications in industrial, marine, and chemical environments. The details below illustrates standard installation methods that can be applied to moulded grating. Clip and fastening selections should be made according to the substrate material in use.

Fasteners

1 **8Gx35** Screw

2 **M Clip** CM1920

M CLIP | 19x19 MINIMESH GRATING ASSEMBLY



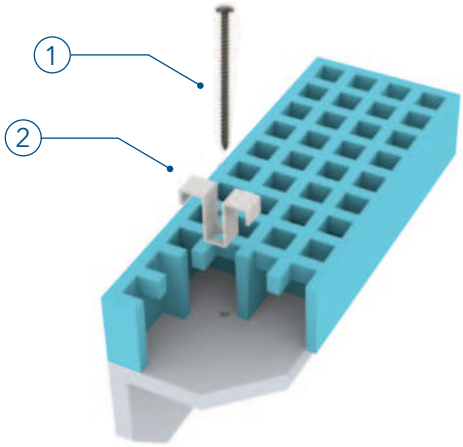
CLIP ASSEMBLED

Fasteners

1 **8Gx65** Timber Screw

2 **M Clip** CM1920

M CLIP | 19x19 MINIMESH GRATING ASSEMBLY



CLIP ASSEMBLED

Fasteners

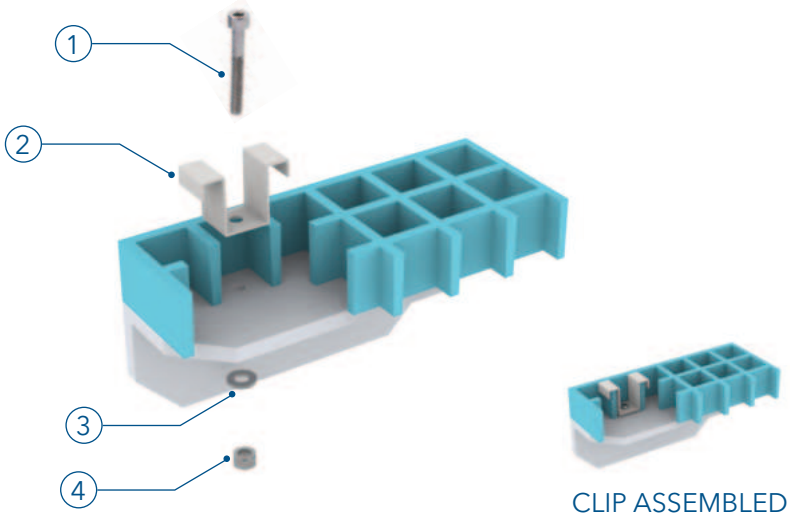
1 **M8x40**
Soc Cap Bolt

2 **M Clip**
CM3813-50

3 **M8**
FLAT WASHER

4 **M8**
HEX NUT

M CLIP | 38x38 STANDARD GRATING ASSEMBLY



Please note the above illustrations are simply a guide that show one example of how each clip can be installed. Clips can be paired with several types of grating and fasteners. Select the most appropriate method according to design.

16.2 C CLIPS | INSTALLATION

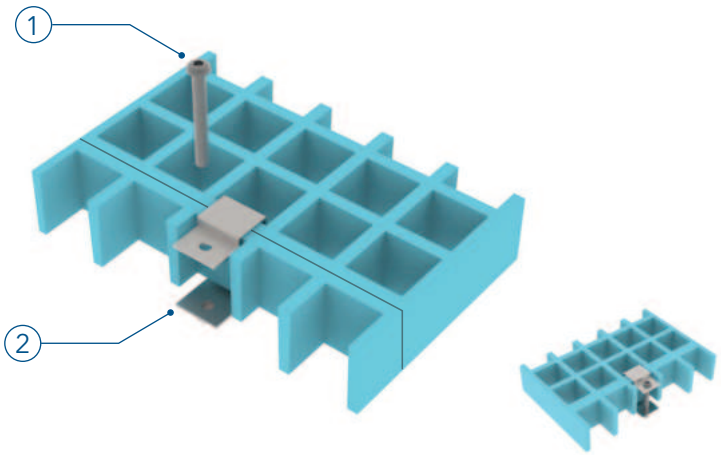
C-Clips are designed to secure adjacent FRP Moulded Grating panels together, preventing movement and creating a stable walking surface. These clips are essential for ensuring proper grating alignment and maintaining structural integrity in industrial, marine, and chemical environments. The details below 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.

Fasteners

1 **M6**
Button Soc Bolt

2 **C Clip**
CC3815-38

C CLIP | 38x38 STANDARD GRATING ASSEMBLY



Please note the above illustrations are simply a guide that show one example of how each clip can be installed. Clips can be paired with several types of grating and fasteners. Select the most appropriate method according to design.

16.3 J CLIPS | INSTALLATION

J-Clips are designed to secure FRP Moulded Grating to the supporting structure by gripping the underside of the grating bars. These clips help prevent grating uplift and ensure stability, making them ideal for industrial, marine, and corrosive 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.

Fasteners

1 **M8x40**
Soc Cap Bolt

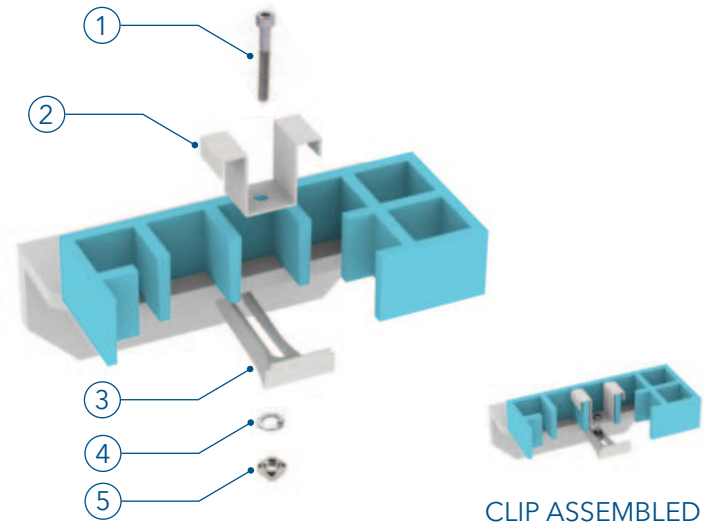
2 **M Clip**
CM3820-38

3 **J Clip**
CJ3838

4 **M8**
SPRING WASHER

5 **M8**
SQUARE NUT

J CLIP | 38x38 STANDARD GRATING ASSEMBLY



Please note the above illustrations are simply a guide that show one example of how each clip can be installed. Clips can be paired with several types of grating and fasteners. Select the most appropriate method according to design.

13x13 Heel Guard & 19x19 Mini Mesh

The installation process for J-Clips is the same when working with both 13x13 and 19x19 Moulded Grating. The only adjustment required is swapping the standard fasteners for an M8 Countersunk Bolt paired with a CR24-8-CS Washer.

Note: When installing into 13x13 Moulded Grating, you may need to drill out the hole slightly due to the gritted surface to properly fit the M8 bolt.

1 **M8x80**
CSK Bolt

2 **CR24-8-CS**

16.4 L CLIPS | INSTALLATION

L-Clips are designed to fasten FRP Moulded Grating to its supporting structure, preventing lateral movement while allowing for easy removal and maintenance. These clips are commonly used in applications where frequent access to the underlying structure is required. 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.

Fasteners

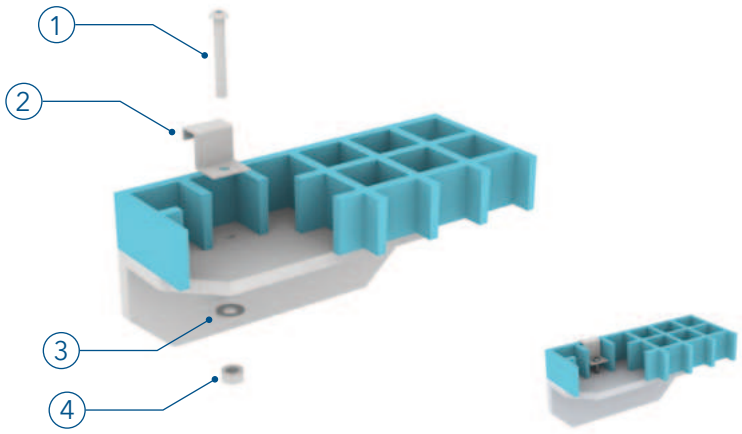
1 **M6**
Button Soc Bolt

2 **C Clip**
CC3825

3 **M6**
FLAT WASHER

4 **M6**
HEX NUT

L CLIP | 38x38 STANDARD GRATING ASSEMBLY



Please note the above illustrations are simply a guide that show one example of how each clip can be installed. Clips can be paired with several types of grating and fasteners. Select the most appropriate method according to design.

16.5 RECESSED WASHERS | INSTALLATION

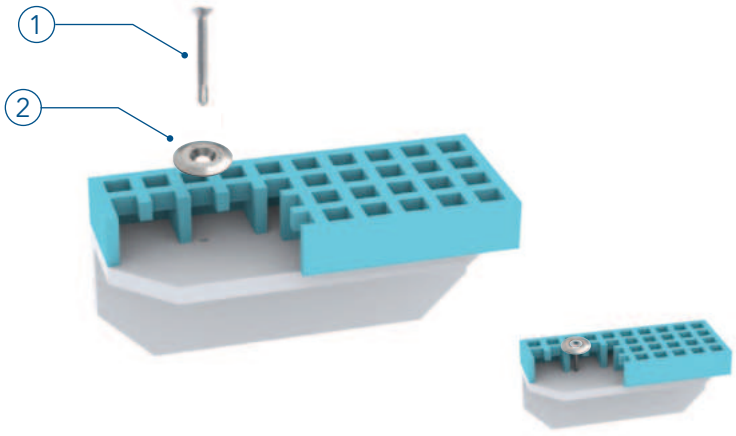
Recessed Washers are used to secure FRP Moulded Grating while allowing for a flush and smooth surface, reducing trip hazards and improving aesthetics. These washers help distribute the load of the fastener evenly, preventing damage to the grating structure. The details below illustrates standard installation methods that can be applied to moulded grating. Clip and fastening selections should be made according to the substrate material in use.

Fasteners

1 **10Gx50** Screw

2 **CR24-6-ST**

RECESSED WASHER | 19x19 MINIMESH GRATING ASSEMBLY



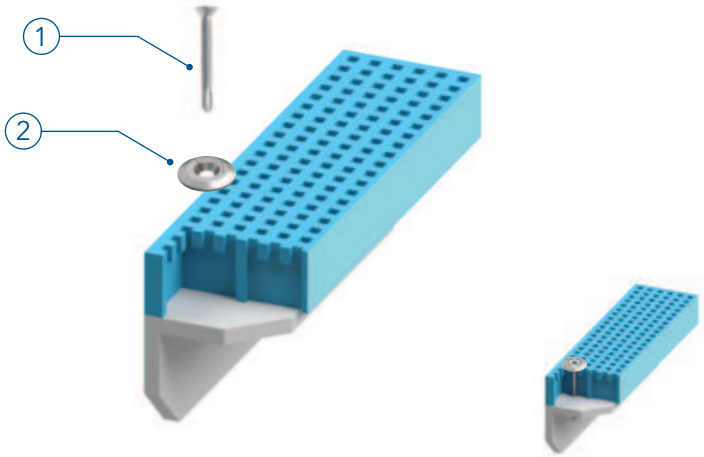
CLIP ASSEMBLED

Fasteners

1 **10Gx50** Screw

2 **CR24-6-ST**

RECESSED WASHER | 13x13 HEEL GUARD GRATING ASSEMBLY



CLIP ASSEMBLED

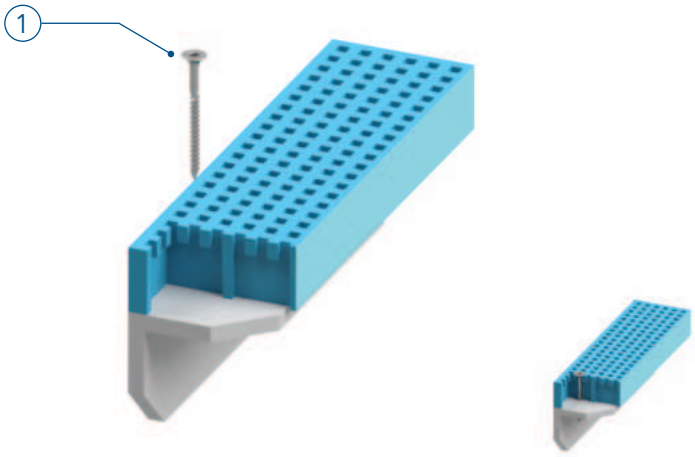
16.1 WASHER HEAD SCREW | INSTALLATION

Washer Head Screws are designed to securely fasten FRP Moulded Grating to the supporting structure while distributing load evenly. The built-in washer head helps prevent pull-through, reducing stress on the grating and ensuring a stable installation. 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.

Fasteners

1 **14G**
Bugle Batten

SCREW | 13x13 HEEL GUARD GRATING ASSEMBLY

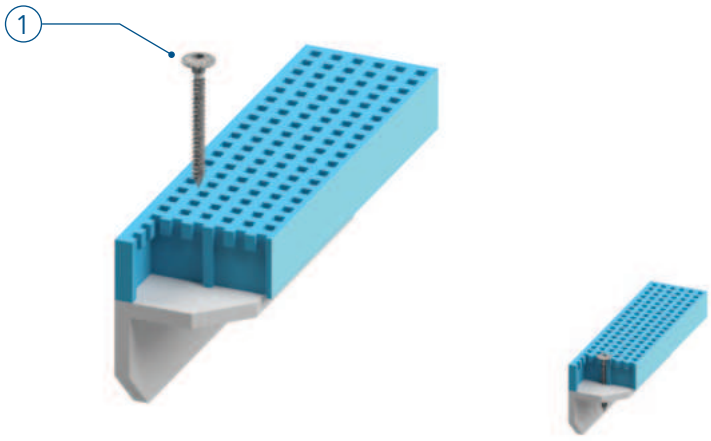


CLIP ASSEMBLED

Fasteners

1 **Cx6 SPAX**
Screw

SCREW | 13x13 HEEL GUARD GRATING ASSEMBLY



CLIP ASSEMBLED

17.0 CHEMICAL RESISTANCE GUIDE

FRP Moulded Grating offers superior resistance to acids, alkalis, and corrosive environments, making it ideal for industrial and marine applications. This guide helps you select the right grating for long-lasting performance in harsh conditions.

Chemical Resistant Table Key

C

Continuous exposure of the grating to the Chemical Environment listed at the Temperature listed.

F

Frequent exposure of the grating to splashes and spills from the Chemical Environment listed with that environment at the Temperature listed.

I

Infrequent exposure of the grating to splashes and spills from the Chemical Environment listed with that environment at the Temperature listed and the spill immediately cleaned up or washed from the grating.

N

Not recommended for the Concentrations & Temperatures listed.

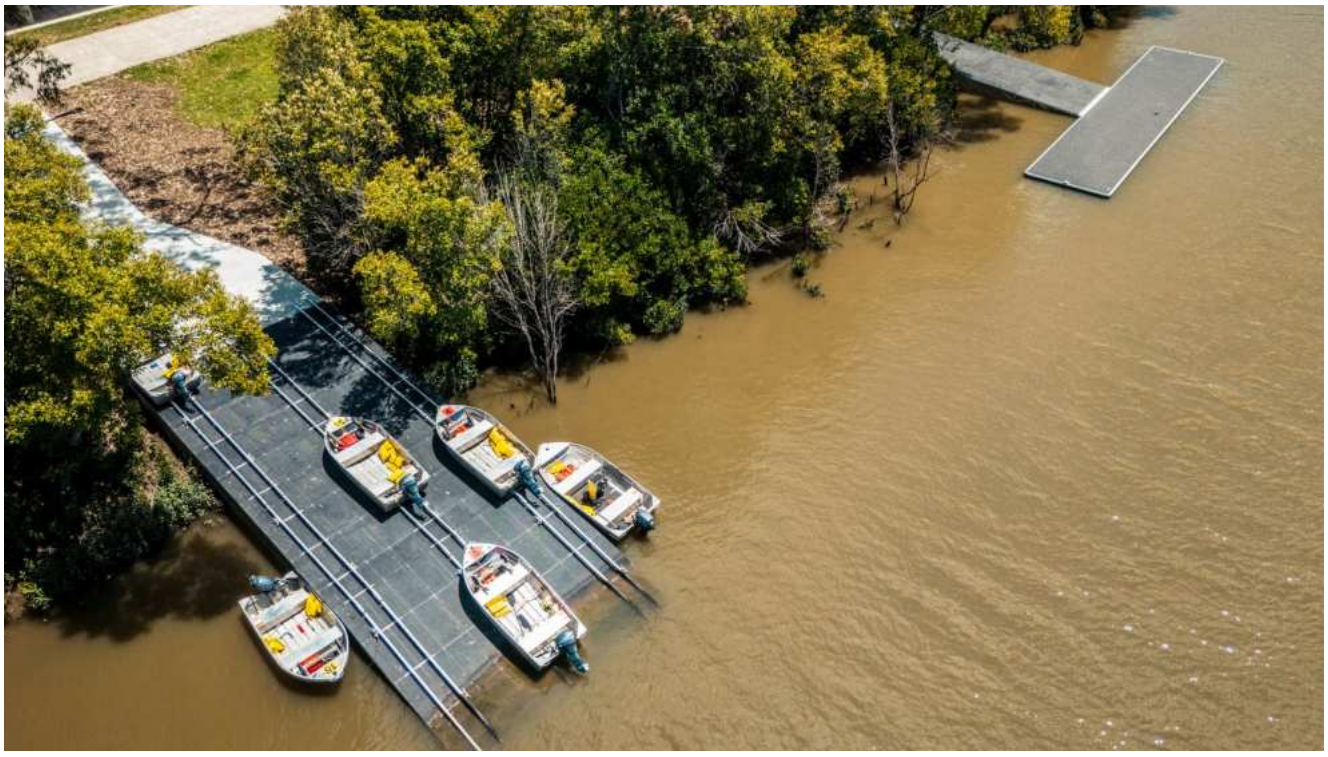
MAX Temperature is 85 °C for Vinyl grating.
MAX Temperature is 70 °C for Isophthalic grating.

GRP Australia believes the data to be true and accurate but no guarantee is expressed or implied as to specific performance. Testing for specific environments is recommended. Responsibility for claims arising from breach of warranty, negligence or otherwise is limited to the purchase price of the material sold.

CHEMICAL	% CONC.	TEMP. °C	VINYL ESTER	ISOPHTHALIC
Acetic Acid	50	MAX	C	C
Acetone	100	24	F	I
Aluminium Hydroxide	ALL	MAX	C	C
Aluminium Chloride	ALL	MAX	C	C
Ammonium Chloride	ALL	50	C	C
Ammonium Bicarbonate	15	50	C	C
Ammonium Bicarbonate	50	50	C	C
Ammonium Hydroxide	20	26	F	N
Ammonium Sulphate	ALL	50	C	C
Barium Sulphate	ALL	MAX	C	C
Benzene	100	65	I	I
Benzoic Acid (SAT)	SAT	MAX	C	C
Borax (SAT)	SAT	MAX	C	C
Calcium Carbonate	ALL	MAX	C	C
Calcium Hydroxide	25	MAX	C	F
Calcium Hypochlorite	ALL	MAX	C	I
Calcium Nitrate	ALL	MAX	C	C
Carbon Tetrachloride	100	26	I	N
Chlorine - Dry Gas	ALL	MAX	C	C
Chlorine Water (SAT)	SAT	50	C	I
Chromic Acid	50	65	I	N
Citric Acid	ALL	MAX	C	C
Copper Chloride	ALL	MAX	C	C
Copper Cyanide	ALL	60	C	F

CHEMICAL	% CONC.	TEMP. °C	VINYL ESTER	ISOPHTHALIC
Copper Nitrate	ALL	MAX	C	C
Crude Oil (Sweet or Sour)	ALL	MAX	C	C
Diesel Fuel	ALL	37	C	C
Ethanol	10	50	C	F
Ethanol	50	50	C	I
Ethanol Glycol	ALL	65	C	C
Ferric Chloride	100	MAX	C	C
Ferric Nitrate	ALL	MAX	C	C
Ferrous Chloride	ALL	MAX	C	C
Fluoro silicic Acid	10	24	C	C
Formaldehyde (0-50%)	50	50	F	I
Gasoline	ALL	50	C	C
Glucose	ALL	50	C	C
Glycerin	100	MAX	C	C
Hydrobromic Acid	50	MAX	F	F
Hydrobromic Acid	10	MAX	C	F
Hydrobromic Acid	37	MAX	C	F
Hydrogen Peroxide	30	26	C	N
Lactic Acid	100	MAX	C	C
Lithium Chloride (SAT)	SAT	MAX	N	N
Magnesium Chloride	ALL	MAX	C	C
Magnesium Nitrate	ALL	MAX	C	C
Magnesium Sulphate	ALL	MAX	C	C
Mercuric Chloride	ALL	MAX	C	C
Mercurous Chloride	ALL	MAX	C	C
Nickle Chloride	ALL	MAX	C	C
Nickle Sulphate	ALL	MAX	C	C
Nitric Acid	20	50	F	F
Oxalic Acid	ALL	65	C	C
Perchloric Acid	30	32	F	I
Phosphoric Acid	80	MAX	C	C
Potassium Chloride	ALL	MAX	C	C
Potassium Dichromate	ALL	MAX	C	C
Potassium Nitrate	ALL	MAX	C	C
Potassium Sulphate	ALL	MAX	C	C
Propylene Glycol	ALL	MAX	C	C
Sodium Acetate	ALL	MAX	C	C
Sodium Bisulfate	ALL	26	F	F
Sodium Bromide	ALL	26	C	C
Sodium Cyanide	ALL	26	C	I
Sodium Hydroxide	10	MAX	C	I
Sodium Hydroxide	50	MAX	F	N
Sodium Nitrate	ALL	MAX	C	C
Sodium Sulphat	ALL	MAX	C	C

18.0 GALLERY



GRP AUSTRALIA
L: 25 Shannon Place, Virginia 4014
E: sales@grpaustralia.com.au
P: 07 3252 1244