



## Ockwells GRP Safety Grating

### Description

Ockwells Heavy Duty GRP Safety Grating has been designed for use as temporary or semi-permeant walkways on construction sites.

- Manufactured from extremely hard wearing and durable GRP material
- Granulated top level offers high levels of grip
- Lightweight making it easy to handle and store around site
- Corrosion resistant
- Simple to install and maintain
- Reusable from site to site

Various sizes, thicknesses and colours available subject to minimum order quantities.

The below technical data is based on our standard GRP Grating, 25mm in thickness:

Grating Size: 25mm deep x 38mm<sup>2</sup> Open Mesh  
 Bar Thickness: 6.5mm  
 Bar Centres: 38mm  
 Open Area: 68%  
 Weight: 12kg/m<sup>2</sup>  
 Colours: Standard colours are grey, yellow and green  
 Other colours available subject to minimum order quantities

### GRP Loading Table:

Clear Span mm	Deflection in mm				
	Configuration		Uniform Load in KN/m <sup>2</sup>		
	Depth mm	Mesh mm x mm	3	5	10
400	25	38 x 38	0.25	0.25	0.51
	30	38 x 38	0.25	0.51	0.76
	38	38 x 38	0.20	0.30	0.50
500	25	38 x 38	1.02	1.70	3.47
	30	38 x 38	0.51	0.85	1.27
	38	38 x 38	0.40	0.60	1.20
600	25	38 x 38	2.03	3.05	6.35
	30	38 x 38	1.02	1.52	2.79
	38	38 x 38	0.70	1.20	2.30
700	25	38 x 38	3.72	5.59	8.55
	30	38 x 38	2.03	3.05	6.01
	38	38 x 38	1.20	2.10	4.10

Clear Span mm	Deflection in mm				
	Configuration		Uniform Load in KN/m <sup>2</sup>		
	Depth mm	Mesh mm x mm	3	5	10
800	25	38 x 38	5.50	***	***
	30	38 x 38	2.88	4.36	***
	38	38 x 38	2.00	3.40	6.70
900	25	38 x 38	10.16	***	***
	30	38 x 38	4.57	7.11	10.67
	38	38 x 38	3.10	5.20	10.50
1000	30	38 x 38	8.64	***	***
	38	38 x 38	4.70	7.80	15.70
1100	30	38 x 38	12.45	***	***
	38	38 x 38	6.70	11.20	***

These properties are the Manufacturers' typical values based on the average of several tests. As the installation and handling of this product is beyond our control the user must ensure that the product is suitable for the application. Ockwells cannot accept responsibility for any loss or damage that may occur either directly or indirectly using this product. Ockwells also holds the right to change specification data without prior notice

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