



# GRP

# FIBRE GLASS GRATING



**B+M**  
STEEL

[www.bmsteel.co.uk](http://www.bmsteel.co.uk)

A Stemcor group company.



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# PRODUCT

## Moulded grating

GRP is the innovative answer to standard materials such as wood, concrete, aluminium and steel.

Moulded GRP gratings are usually of square mesh. The supporting rods run in both directions yielding even strength everywhere. There are many benefits of this material:-

High strength and rigidity

Low weight

Corrosion, chemical, acid and leach resistance

Electrical and thermal insulator

Easy handling and installation

Long service life and low maintenance

Economical

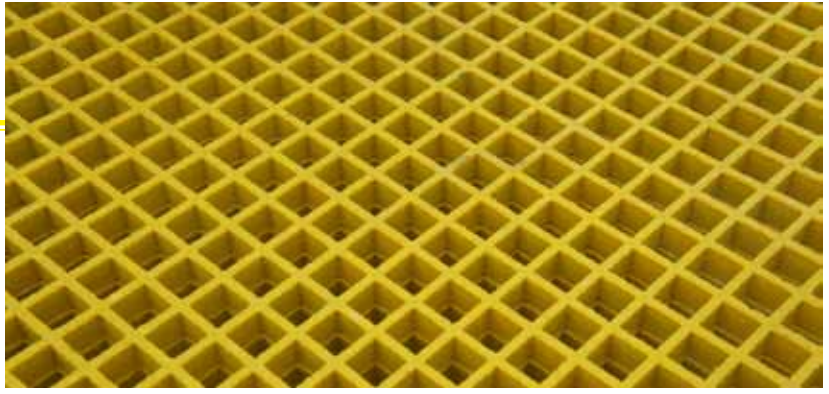
Good anti-skid properties (R13) to BGR 181 standards for concave and sanded grating surfaces

Load-bearing in both directions

UV resistant

Individual RAL colouring available

Heat resistant



Our stock includes the following sizes:-

### Height - Mesh

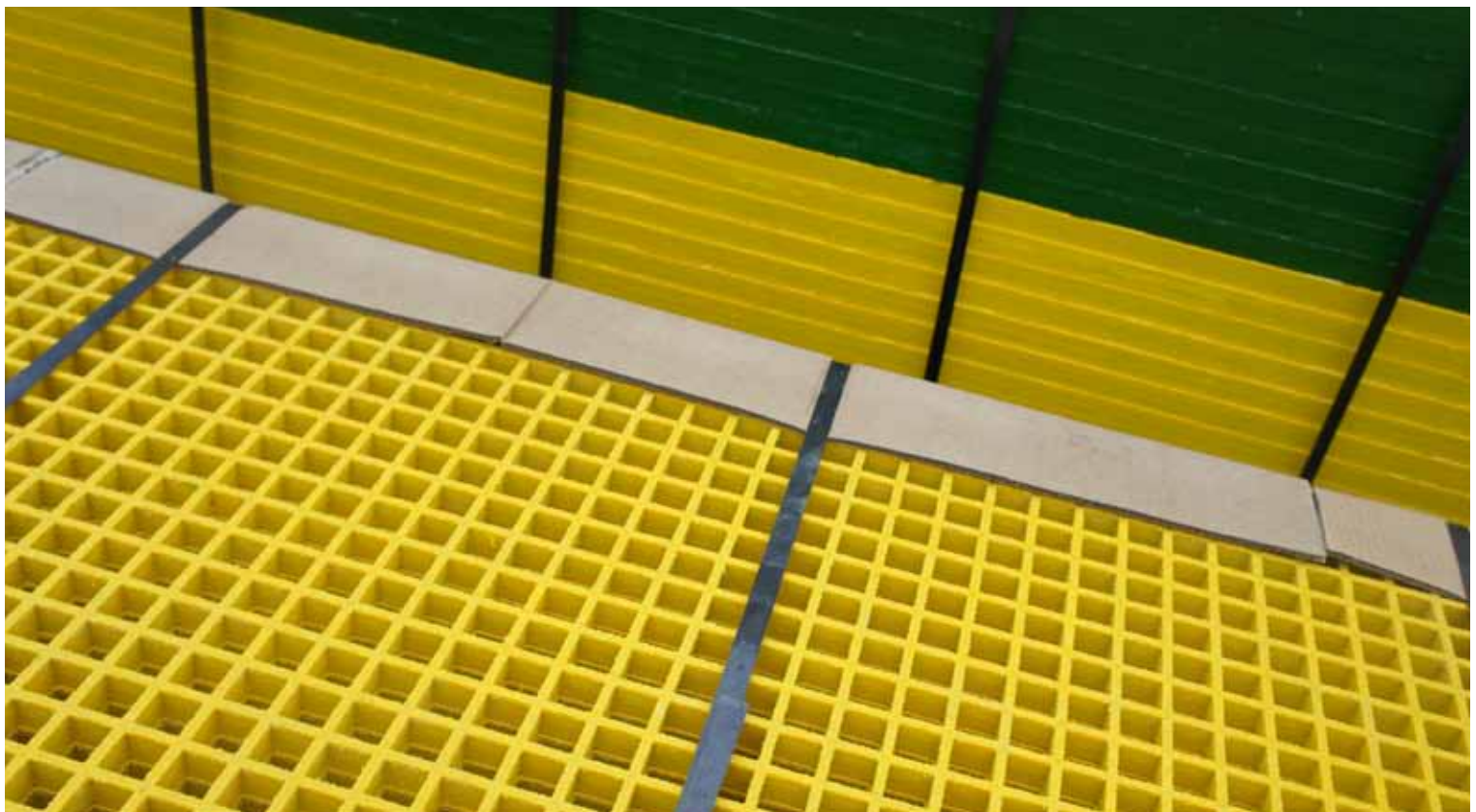
25MM - 38/38 Gritted 1987MM x 997MM Green & Yellow

25MM - 38/38 Gritted 3012MM x 997MM Green, Grey & Yellow

25MM - 38/38 Gritted 3660MM x 1220MM Blue, green, Grey & Yellow

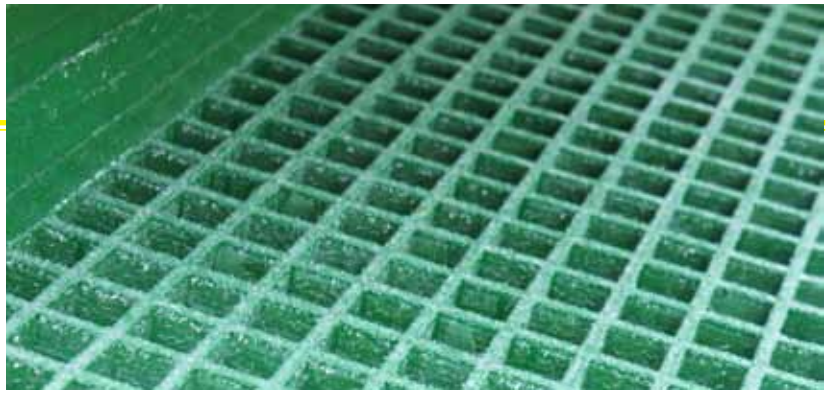
38MM - 38/38 Gritted 3012MM x 997MM Grey

38MM - 38/38 Gritted 3660MM x 1220MM Green, grey & yellow



# PRODUCT

## Load Tables



Height (mm)	Mesh (mm)	Width (mm)	Weight (mm)	Span width (mm)	Point loading, deflection L/125 (kN)	Surface load, deflection L/125 (kN)	Deflection L/125 (mm)	Point loading, deflection L/200 (kN)	Surface load, deflection L/200 (kN)	Deflection L/200 (mm)
25	38x38	5 to 7	12.5	300	7.65	50.37	2.40	4.78	31.49	1.50
25	38x38	5 to 7	12.5	450	4.95	29.88	3.60	3.09	18.67	2.25
25	38x38	5 to 7	12.5	600	3.81	8.36	4.80	2.39	5.23	3.00
25	38x38	5 to 7	12.5	850	1.99	5.40	6.80	1.24	3.38	4.25
25	38x38	5 to 7	12.5	1000	1.22	2.86	8.00	0.76	1.78	5.00
25	38x38	5 to 7	12.5	1250	0.87	1.03	10.00	0.54	1.28	6.25

Height (mm)	Mesh (mm)	Width (mm)	Weight (mm)	Span width (mm)	Point loading, deflection L/125 (kN)	Surface load, deflection L/125 (kN)	Deflection L/125 (mm)	Point loading, deflection L/200 (kN)	Surface load, deflection L/200 (kN)	Deflection L/200 (mm)
38	38x38	5 to 7	19	300	27.20	128.45	2.40	17.00	80.28	1.50
38	38x38	5 to 7	19	450	13.73	76.18	3.60	8.58	47.61	2.25
38	38x38	5 to 7	19	600	9.72	21.33	4.80	6.08	13.34	3.00
38	38x38	5 to 7	19	850	4.99	13.78	6.80	3.12	8.61	4.25
38	38x38	5 to 7	19	1000	3.07	6.99	8.00	1.92	4.36	5.00
38	38x38	5 to 7	19	1250	2.13	2.52	10.00	1.34	1.57	6.25

## Fixtures

**Screw joint:** M0400-60-FVZ / Disc upper part / Screw / Nut

Clips to suit the 25MM and 38MM deep

*Other fixtures may be available on request*

