

GRATING

Materials & Finishes

Material	Finish
Mild Steel	Uncoated
	Bitumen dipped
	Galvanised to SABS 1461
	Other on application
Aluminium	Uncoated
Stainless Steel	Uncoated
Type 304 & 316	Pickled and
	Passivated
3CR12	Uncoated
	Pickled and
	Passivated

Note: The bitumen coated grating supplied as a standard to our grating is not a protective coating as such, and deteriorate if exposed to the elements.

Prices are based on standard lengths and widths as in the following tables. Where intermediate lengths and widths are required, the price is based on the next higher standard length or width. Cutting charges will apply in certain cases.

These tables will help users design supporting steelwork to the same module and so eliminate unsightly banding and costly welding. The only banding which need now be used will be that welded around unsupported cut-outs.

Note:
GRATING panels have a maximum width of 1440mm and a maximum length of 4760mm.

Table of Standard Lengths (mm) - Open Ended System - GRATING

N° of Transversals	1	2	3	4	5	6	7	8	9	
10					600	640	680	720	760	
20	800	840	880	920	960	1000	1040	1080	1120	1160
30	1200	1240	1280	1320	1360	1400	1440	1480	1520	1560
40	1600	1640	1680	1720	1760	1800	1840	1880	1920	1960
50	2000	2040	2080	2120	2160	2200	2240	2280	2320	2360
60	2400	2440	2480	2520	2560	2600	2640	2680	2720	2760
70	2800	2840	2880	2920	2960	3000	3040	3080	3120	3160
80	3200	3240	3280	3320	3360	3400	3440	3480	3520	3560
90	3600	3640	3680	3720	3760	3800	3840	3880	3920	3960
100	4000	4040	4080	4120	4160	4200	4240	4280	4320	4360
110	4400	4440	4480	4520	4560	4600	4640	4680	4720	4760

Table of Standard Widths (mm)

GRATING O.E.S		
No of transversals	RS40	RS80
8		600
9		680
10		760
11		840
12		920
13		1000
14		1080
15	600	1160
16	640	1240
17	680	1320
18	720	1400
19	760	
20	800	
21	840	
22	880	
23	920	
24	960	
25	1000	
26	1040	

GRATING Banded		
No of transversals	RS40	RS80
9		645
10		725
11		805
12		885
13		965
14		1045
15		1125
16	605	1205
17	645	1285
18	685	1365
19	725	
20	765	
21	805	
22	845	
23	885	
24	925	
25	965	
26	1005	

27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440

27	1045
28	1085
29	1125
30	1165
31	1205
32	1245
33	1285
34	1325
35	1365
36	1405

Stock panels available in GRATING RS40

Bearer Bar Size (mm)	Panel Size L (mm)	Panel Size W (mm)	Uncoated Mass (Kg)
25 x 4.5	2400	1200	86
30 x 4.5	2400	1200	100
40 x 4.5	2400	1200	125
50 x 4.5	2400	1200	149
60 x 4.5	2400	1200	174

The above sizes are available in Mild Steel Uncoated, Bitumen Dipped or Galvanised.

Aluminium Bar

Bearer Bar Size (mm)	Panel Size L (mm)	Panel Size W (mm)	Uncoated Mass (Kg)
40	2400	1200	32

Our stock panel service gives you immediate availability.

The positive non-slip design retains the loading as per GRATING RS40 loading tables whereas with serrated grating the loadings need to be reduced.

Non-slip is at it's maximum because of the positive raised sections on top of each bearer bar. It works well in all directions and with all footwear and is self cleaning.

Available in mild steel and 3CR12.