

Construction

This is a fusion welded grating in which every bearer bar and transversal is electrically fused and hydraulically forged at every intersection under pressure, resulting in an integral, sturdy grating.

Features

It can also be used for ramps where improved traction for rubber tyred vehicles is important.

Standard panels finish at half pitch in the length and full pitch in the width, with allowance for 6mm clearance between panels.

Grating can be made in any continuous length, limited only by handling or transportation.

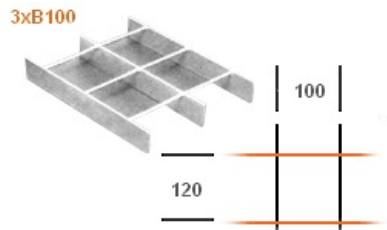
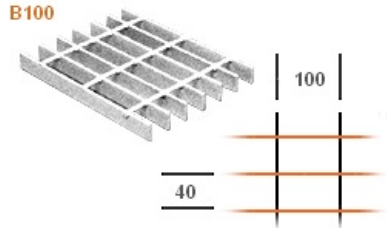
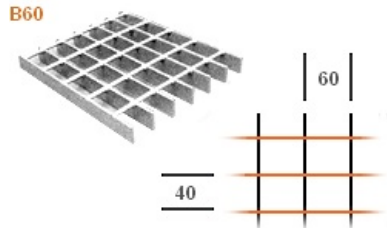
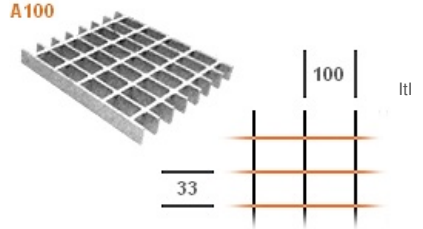
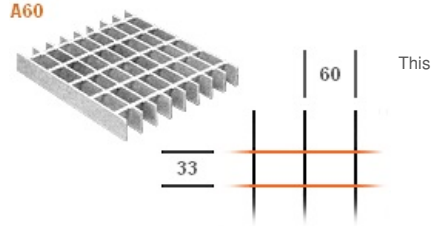
Note: Due to our process pattern matching of individual panels is not guaranteed

Types

The letters A,B,D and E denote the pitch of the bearer bars. The pitch of the transverse bar is 60mm or 100mm as shown.

A	33mm
B	40mm
D	66mm
E	80mm

Note: In Grating, a range of openings is available for fencing, burglar bars, stormwater gratings, anti-dazzle screens for roads, barriers, concrete re-inforcing etc. Details on application.



Mass Per M² Example

Bearer Bar Size (mm)	Transverse Bar Diam (mm)	Unbanded Mass kg/sq m (Mild Steel, Unbanded & Uncoated)							
		A100	B100	E100	3xB100	A60	B60	D60	E60
25 x 4.5	7	30.39	25.98		10.97	32.21			
30 x 4.5	7	35.88	30.58		12.56	37.69	32.39	21.79	
40 x 3.0	6					32.75			
40 x 4.5	7	46.82	39.76			48.64	41.57	27.44	
40 x 5.5	7	56.56				58.37	49.73		
47 x 2.6	6								13.47
50 x 4.5	7	57.77	48.94			59.58	50.75		
50 x 5.5	7			31.09			60.97		
60 x 4.5	7	68.74	58.14				59.95	38.75	
60 x 5.5	7			36.70		85.15	72.20		
80 x 4.5	7	90.63	76.50	39.76			78.31		

80 x 5.5	10	113.24	95.97	51.07	
100 x 5.5	10	140.03	118.44	62.30	122.14