

GRATING

Construction

GRATING is formed by the unique Mentis process of compressive locking of bearer bars and transversals.

This process ensures permanent locking and accurate bearer bar pitching and results in the industry's finest grating.

Manufactured under the International ISO 9001 Quality Management System.

Features

The GRATING OPEN ENDED SYSTEM or O.E.S. eliminates the banding of panels, improves appearance, simplifies design and erection and reduces costs. Due to the absence of welding, less corrosion occurs.

Accurate pitching gives an aesthetically pleasing pattern matching and unjointed appearance when joining open ended panels.

All transverse bars are 7.5mm in diameter.

GRATING O.E.S Standard Panels

All RS40 GRATING panels finish on half pitches in both directions with allowance for 4mm clearance between panels. Saddle clamps will automatically hold panels at full-pitch spacing. Calculation can therefore be based on full-pitches in both directions without making any allowances for clearance between panels.

Standard O.E.S. panels are available at prices considerably lower than those for banded panels. Customers using standard panels to cut and fit on site, save in drawing office time and labour.

Note:

GRATING has a maximum width of 1440 mm and a maximum length of 4760 mm.

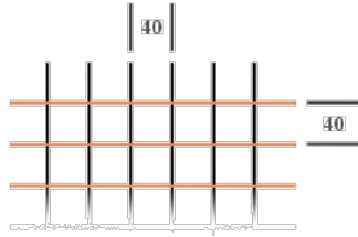
Types

RS40: 25 bearer bars p/metre width at 40mm pitch.

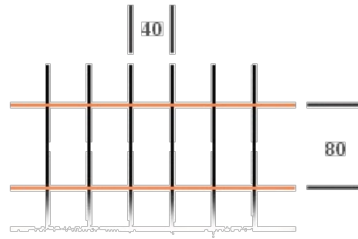
RS80: 13 bearer bars p/metre width at 80mm pitch.

RS40 and RS80 are available with non-slip dimples.

RS40



RS80



Bearer Bar Sizes & Mass of Types Available

Bearer Bar Size (mm)	O.E.S Mass kg/sq m (Mild Steel Uncoated)	
	RS40	RS80
25 x 4.5	29.63	18.15
30 x 3.0	25.23	14.62
30 x 4.5	34.05	20.27
40 x 3.0	31.10	18.85
40 x 4.5	42.88	24.51
50 x 4.5	51.70	28.74
60 x 3.0	42.88	-
60 x 4.5	60.55	32.99

Mass Per M² (rounded off)

Must be incorporated with specification used.

RS40: 25 x 4.5 30Kg

RS40: 30 x 4.5 34Kg

RS40: 40 x 4.5 43Kg