

FIBRETEK MOULDED GRATING LOADING CAPACITY

The table shows the uniformly distributed load at different span widths with a deflection of 1% of the span.

Panel Dimension: 1220mm x 3660mm and 1220mm x 2440mm

Fibretek Grating Model	Mesh (mm)	Bearing Bar Depth (mm)	Unit	Uniformly Distributed Load						
				457	610	762	914	1067	1219	1524
Clear Span in Millimeters mm				457	610	762	914	1067	1219	1524
Max Deflection at Specific Load mm				4.6	6.1	7.6	9.1	10.7	12.2	15.2
M25	38 x 38	25	Kg/m ²	-	2155	1060	610	415	280	-
M30	38 x 38	30	Kg/m ²	-	2750	1280	900	550	352	-
M38	38 x 38	38	Kg/m ²	8503	3592	1710	1075	685	464	-
M50	38 x 38	50	Kg/m ²	-	6328	3226	1881	1173	782	-