



## SOLID TOP FIBREGLASS GRATING LOAD & DEFLECTION DATA SHEET

PANEL DEPTH	EFFECTIVE SPAN	TYPE OF LOAD			
		Concentrate d Load on Continuous Panel	Concentrated Load Using 1000 x 25mm Block		Uniformly Distributed Load (UDL)
		Load of 1% Deflection (Kg)	Load of 1% Deflection (Kg)	Load of Failure in flexure Kg/m <sup>2</sup>	Load of 1% Deflection (Kg)
29mm Thick Solid Top Grating	250mm	2600	4800	N/A	N/A
	500mm	850	1220	N/A	5400
	750mm	450	550	N/A	1300
	1000mm	300	250	N/A	500
42mm Thick Solid Top Grating	250 mm	4700	8050	N/A	N/A
	500 mm	1550	2420	N/A	10500
	750 mm	750	1180	N/A	2650
	1000 mm	500	600	N/A	1100
	1200 mm	440	400	N/A	550
54mm Thick Solid Top Grating	500mm	2950			12670
	750mm	1800			3750
	1000mm	1030			1580
	1225mm	700			950
	1500mm	440			480

