



PROTECTA[®]
PROJECT CONFIDENCE



Span & Load rating - Protecta FRP Grating

2217mm x 1150mm x 25mm (38mm x 38mm grid) - Yellow Square Mesh

Code: FRP2211



Laboratories for Materials Advanced Testing Services

Table 1. deflection test results under uniform load

Span (mm)	Deflection under load (mm) Uniform Load (kPa)				
	2.5	3	4	5	7.5
450	1.21	1.60	1.79	2.16	3.11
600	2.72	3.59	4.46	5.41	5.73
750	4.81	5.55	6.80	X	X

Table 2: deflection test results under concentrated load

Span (mm)	Deflection under load (mm) Concentrated Load (kgf)		
	200	400	600
450	3.44	7.05	10.67
600	5.54	10.94	X
750	7.87	X	X