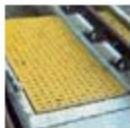


flowGRiP™



FlowGRiP™

Uniform Distributed Loads (UDL) – kN/m²

Span (mm)	FlowGRiP™ solid (500mm wide)		FlowGRiP™ slotted (500mm wide)		FlowGRiP™ solid (600mm LD)	
	UDL (kN/m ²)	Deflection (mm)	UDL (kN/m ²)	Deflection (mm)	UDL (kN/m ²)	Deflection (mm)
300	268.8	1.30	268.86	1.40	125.13	1.10
400	161.5	2.00	148.08	2.00	89.66	2.00
500	91.48	2.50	83.14	2.50	51.85	2.50
600	56.19	3.00	50.78	3.00	32.28	3.00
700	36.74	3.50	33.08	3.50	21.30	3.50
800	25.24	4.00	22.67	4.00	14.72	4.00
900	18.04	4.50	16.18	4.50	10.57	4.50
1000	13.32	5.00	11.93	5.00	7.83	5.00
1100	10.11	5.50	9.04	5.50	5.96	5.50
1200	7.84	6.00	7.01	6.00	4.63	6.00
1300	6.2	6.50	5.54	6.50	3.67	6.50
1400	4.99	7.00	4.46	7.00	2.96	7.00
1500	4.07	7.50	3.63	7.50	2.41	7.50
1600	3.37	8.00	3.00	8.00	2.00	8.00
1700	2.81	8.50	2.51	8.50	1.67	8.50
1800	2.38	9.00	2.12	9.00	-	-
1900	2.02	9.50	1.80	9.50	-	-
2000	1.74	10.00	1.55	10.00	-	-

FlowGRiP™

Concentrated Loads (C/L) – kN/m width

Span (mm)	FlowGRiP™ solid (500mm wide)		FlowGRiP™ slotted (500mm wide)		FlowGRiP™ solid (600mm LD)	
	UDL (kN/m width)	Deflection (mm)	UDL (kN/m width)	Deflection (mm)	UDL (kN/m width)	Deflection (mm)
300	54.12	1.5	50.66	1.5	22.52	1.5
400	37.85	2.0	34.88	2.0	17.05	2
500	27.30	2.5	24.91	2.5	12.99	2.5
600	20.30	3.0	18.46	3.0	10.06	3.00
700	15.66	3.5	14.14	3.5	7.95	3.50
800	12.36	4.0	11.13	4.0	6.39	4.00
900	9.98	4.5	8.97	4.5	5.24	4.50
1000	8.21	5.0	7.37	5.0	4.35	5.00
1100	6.87	5.5	6.15	5.5	3.67	5.50
1200	5.83	6.0	5.21	6.0	3.13	6.00
1300	5.00	6.5	4.47	6.5	2.7	6.50
1400	4.34	7.0	3.87	7.0	2.35	7.00
1500	3.79	7.5	3.39	7.5	2.07	7.50
1600	3.35	8.0	2.99	8.0	1.83	8.00
1700	2.97	8.5	2.65	8.5	1.63	8.50
1800	2.66	9.0	2.37	9.0	1.46	9.00
1900	2.39	9.5	2.13	9.5	1.31	9.50
2000	2.16	10.0	1.93	10.0	1.19	10.00

Clear span – Deflection limited to L/200

1.50 kN/m ²	2075mm	2016mm	1763mm
3.00 kN/m ²	1664mm	1601mm	1393mm
5.00 kN/m ²	1401mm	1346mm	1169mm
7.50 kN/m ²	1218mm	1173mm	1015mm