

DATASHEET DS-DST-13

GRP LOAD TABLE (1.2M SPAN)

Moulded Mini Mesh Grating			Unsupported Span (unfixed) over 1.2m width						
Thickness	Self-weight	Load Type	300	500	600	750	1000	1200	1500
14	10	Point Load	780	275	190	115	60	35	15
		UDL	1250	445	305	190	100	65	35
22	16	Point Load	4465	1600	1105	700	385	260	155
		UDL	7145	2560	1775	1130	625	425	260
30	18.8	Point Load	8055	2890	2005	1275	705	480	295
		UDL	12893	4635	3210	2050	1140	780	485
38	23.1	Point Load	14185	5095	3530	2250	1255	860	530
		UDL	22700	8160	5660	3615	2020	1390	875

Moulded Solid Top Grating			Unsupported Span (unfixed) over 1.2m width						
Thickness	Self-weight	Load Type	300	500	600	750	1000	1200	1500
29	18	Point Load	10130	3640	2520	1605	895	610	375
		UDL	16210	5830	4040	2580	1440	990	620
42	24	Point Load	27640	9940	6895	4405	2460	1700	1070
		UDL	44225	15910	11045	7060	3955	2735	1730
54	28	Point Load	40540	14580	10120	6465	3620	2500	1580
		UDL	64870	23340	16200	10360	5810	4020	2550

FOR MORE INFO

Call: 01206 322 899

Email: sales@deck-safe.co.uk

Visit: www.decksafe.co.uk

V3 -25.01.2019



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Moulded Standard Grating			Unsupported Span (unfixed) over 1.2m width						
Thickness	Self-weight	Load Type	300	500	600	750	1000	1200	1500
25	12	Point Load	2875	1030	710	450	245	165	95
		UDL	4600	1650	1145	725	400	270	165
30	14.2	Point Load	4555	1635	1130	715	395	265	160
		UDL	7290	2620	1815	1155	640	435	270
38	19	Point Load	9840	3535	2450	1560	865	550	365
		UDL	15750	5660	3925	2505	1400	960	600
50	21.7	Point Load	19715	7085	4915	3135	1750	1205	755
		UDL	31545	11345	7875	5030	2815	1945	1230
60	51	Point Load	25420	9130	6325	4030	2240	1530	940
		UDL	40680	1725	10145	6470	3610	2070	1550

Moulded Sandwich Plate Grating			Unsupported Span (unfixed) over 1.2m width						
Thickness	Self-weight	Load Type	300	500	600	750	1000	1200	1500
18	13.8	Point Load	4730	1695	1175	745	410	280	165
		UDL	7570	2720	1885	1200	665	455	280
46	30	Point Load	27640	9940	6895	4405	2460	1700	1070
		UDL	44225	15910	11045	7060	3955	2735	1730

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