

LIGHT AND MEDIUM DUTY USE (maximum recommended span in mm)										HEAVY DUTY USE (maximum recommended span in mm)											
GRATING USE	MAINTENANCE FLOORS NO PUBLIC USE			PEDESTRIAN TRAFFIC PUBLIC, RESIDENTIAL AND LIGHT USE			PEDESTRIAN TRAFFIC PUBLIC, COMMERCIAL AND CROWDED USE			GENERAL FACTORIES AND WORKSHOPS, MOTOR ROOMS, WHEELED TROLLEY USE			GENERAL HEAVY LOADING AREAS, BOILER EQUIPMENT, HEAVY EQUIPMENT AREAS								
UDL	2.5kPa			3kPa			4kPa			5kPa			5kPa			7.5kPa			7.5kPa		
DEFLECTION	5MM			5MM			5MM			5MM			10MM			5MM			10MM		
LOAD BAR SIZE (MM)	PATTERN			PATTERN			PATTERN			PATTERN			PATTERN			PATTERN			PATTERN		
	30/100 AND 30/50	40/100 AND 40/50	60/50	30/100 AND 30/50	40/100 AND 40/50	60/50	30/100 AND 30/50	40/100 AND 40/50	60/50	30/100 AND 30/50	40/100 AND 40/50	60/50	30/100 AND 30/50	40/100 AND 40/50	60/50	30/100 AND 30/50	40/100 AND 40/50	60/50	30/100 AND 30/50	40/100 AND 40/50	60/50
25 x 3	1410	1310	1180	1350	1250	1130	1250	1170	1050	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32 x 3	1700	1580	1430	1620	1510	1360	1510	1400	1270	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20 x 5	1350	1260	1140	1290	1200	1090	1200	1120	1010	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25 x 5	1600	1490	1350	1530	1420	1290	1420	1320	1200	1350	1250	1130	1600	1490	1350	1220	1130	1020	1450	1350	1220
32 x 5	1930	1790	1620	1840	1710	1550	1710	1590	1440	1620	1510	1360	1930	1790	1620	1460	1360	1230	1740	1620	1460
40 x 5	2280	2120	1920	2180	2030	1830	2030	1890	1700	1920	1780	1610	2280	2120	1920	1730	1610	1460	2060	1920	1730
45 x 5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2090	1950	1760	2490	2320	2090	1890	1760	1590	2250	2090	1890
50 x 5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2270	2110	1910	2700	2510	2270	2050	1910	1720	2440	2270	2050
65 x 5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2760	2570	2320	3290	3060	2760	2490	2320	2100	2970	2760	2490
75 x 6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3220	3000	2710	3830	3560	3220	2910	2710	2440	3460	3220	2910

The data listed above is for general information only. Hallweld Gratings believes the data to be true and accurate but no guarantee is expressed or implied as to specific performance.