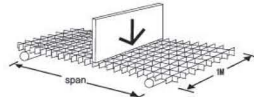
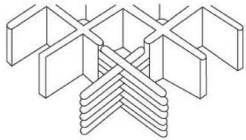
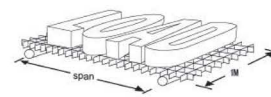


TERRAGRATE™

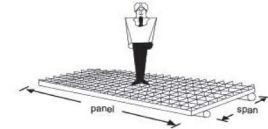
MOULDED GRATING LOADING TABLE



Concentrated line load tables-deflection in millimeters



Uniformed load tables-deflection in millimeters



Concentrated full panel load tables-deflection in millimeters

Mesh Size 38.1 × 38.1

Bearing Bar Thickness (Top/Bottom)
 6.4/5.0
 Mesh Size
 38.1
 Open Area
 68%
 Approx. Weight
 12.3 kg/m²

Panel Size: 1524×4000, 1220×4000, 1220×3660,
 1220×2440, 915×3050, bidirectional loading

Deflection	kgs/m						Break Point
	75	150	300	450	600	750	
450	0.559	1.146	2.159	3.073	4.115	4.75	3910
600	0.864	1.702	3.505	5.156	6.706	8.179	2924
900	2.896	5.918	12.116	18.44	---	---	1948
1200	5.715	11.633	---	---	---	---	1461

Deflection	kgs/m ²						
	240	480	980	1450	2450	3650	4880
450	0.66	1.092	1.93	2.769	4.47	6.579	---
600	1.118	2.108	4.14	6.172	10.211	15.265	---
900	2.667	5.387	10.82	16.28	---	---	---
1200	5.537	11.176	21.717	---	---	---	---

Deflection	kgs						
	150	370	750	1120	1500	2200	2980
450	0.254	0.686	1.55	2.159	2.667	4.166	5.232
600	0.734	1.651	3.175	4.623	6.121	9.119	12.116
900	1.778	4.445	8.814	13.157	---	---	---
1200	2.946	7.544	15.062	---	---	---	---

Mesh Size 38.1 × 38.1

Bearing Bar Thickness (Top/Bottom)
 7.0/5.0
 Mesh Size
 38.1
 Open Area
 68%
 Approx. Weight
 19.50 kg/m²

Panel Size: 1524×4000, 1524×3050, 1220×4000, 1220×3660,
 1220×2440, 915×3050, bidirectional loading

Deflection	kgs/m						Break Point
	75	150	300	450	600	750	
300	0.279	0.356	0.483	0.61	0.762	0.889	17116
600	0.356	0.66	1.245	1.85	2.464	3.073	8718
900	0.864	1.803	3.683	5.563	7.417	9.296	5817
1200	2.261	4.749	9.677	14.63	19.583	---	3755

Deflection	kgs/m ²						
	240	480	980	1450	2450	3650	4880
300	0.254	0.305	0.381	0.457	0.635	0.838	---
600	0.432	0.813	1.549	2.311	3.8354	5.74	---
900	1.702	3.454	6.959	10.465	17.475	---	---
1200	5.969	12.167	24.511	---	---	---	---

Deflection	kgs						
	150	370	750	1120	1500	2200	2980
450	0.203	0.406	0.711	0.889	1.143	1.676	2.21
600	0.356	0.889	1.499	1.905	2.413	3.531	4.267
900	0.61	1.5	2.9	4.14	5.41	7.95	10.566
1200	0.914	2.388	4.699	6.96	9.195	13.665	---

Mesh Size 50×50

Bearing Bar Thickness (Top/Bottom)
 8.0/6.0
 Mesh Size
 50
 Open Area
 78%
 Approx. Weight
 23.7 kg/m²

Panel Size: 1788×4531, 1226×4022, 1524×4000, bidirectional loading

Deflection	kgs/m						Break Point
	75	150	300	450	600	750	
300	0.279	0.305	0.406	0.483	0.635	1.041	21727
600	0.356	0.508	0.813	1.128	1.753	3.327	11713
900	0.508	1.118	2.235	3.2	5.156	10.058	7780
1200	0.914	1.93	3.937	5.918	9.957	---	5834

Deflection	kgs/m ²						
	240	480	980	1450	2450	3650	4880
300	0.254	0.279	0.33	0.381	0.483	0.737	---
600	0.381	0.584	0.965	1.372	2.134	4.115	---
900	1.194	2.108	3.937	5.766	9.449	18.593	---
1200	2.413	4.928	9.957	14.961	---	---	---

Deflection	kgs						
	300	600	900	1500	2200	2980	3700
450	0.254	0.33	0.457	0.711	1.016	1.346	1.7018
600	0.381	0.8636	1.1176	1.524	2.032	2.54	3.1242
900	0.6604	1.2192	1.778	2.896	4.191	5.512	6.7564
1200	0.9398	1.8542	2.7432	4.547	6.807	9.271	11.252