

## Colours Available

Point loads

### 38x38 depth 25

Theoretical deformations	Point load						
	50 kg	100 kg	150 kg	200 kg	300 kg	400 kg	500 kg
300 mm	0.226	0.452	0.678	0.903	1.355	1.807	2.259
600 mm	0.963	1.926	2.888	3.851	5.777	7.703	9.628
900 mm	2.589	5.177	7.766	10.354	15.531	20.708	25.885
1200 mm	5.700	11.400	17.100	22.800	34.200	45.599	56.999

Deflection in mm.

### 38x38 depth 30

Span between supports	Point load						
	50 kg	100 kg	150 kg	200 kg	300 kg	400 kg	500 kg
300 mm	0.131	0.261	0.392	0.523	0.784	1.046	1.307
600 mm	0.557	1.114	1.671	2.229	3.343	4.457	5.572
900 mm	1.498	2.996	4.493	5.991	8.987	11.982	14.978
1200 mm	3.298	6.596	9.894	13.192	19.788	26.384	32.979

Deflection in mm.

### 38x38 depth 38

Span between supports	Point load						
	50 kg	100 kg	150 kg	200 kg	300 kg	400 kg	500 kg
300 mm	0.065	0.129	0.194	0.258	0.387	0.517	0.646
600 mm	0.275	0.55	0.825	1.1	1.65	2.2	2.75
900 mm	0.739	1.478	2.217	2.956	4.435	5.913	7.391
1200 mm	1.627	3.255	4.882	6.509	9.764	13.018	16.273

Deflection in mm.

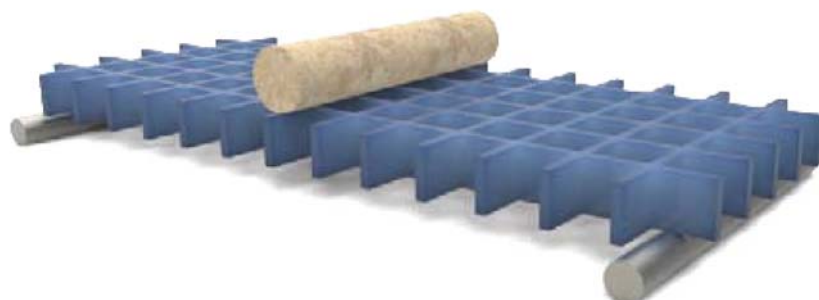
### 50x50 depth 50

Span between supports	Point load						
	50 kg	100 kg	150 kg	200 kg	300 kg	400 kg	500 kg
300 mm	0.037	0.075	0.112	0.15	0.225	0.299	0.374
600 mm	0.159	0.318	0.478	0.637	0.955	1.274	1.592
900 mm	0.428	0.855	1.283	1.711	2.566	3.422	4.277
1200 mm	0.942	1.883	2.825	3.767	5.65	7.533	9.417

Deflection in mm.

## Distributed loads

Theoretical deformations



### 38x38 depth 25

Span between supports	Distributed load						
	50 kg	100 kg	150 kg	200 kg	300 kg	500 kg	1000 kg
300 mm	0.091	0.182	0.274	0.365	0.547	0.912	1.824
600 mm	0.730	1.459	2.189	2.918	4.378	7.296	14.592
900 mm	2.462	4.925	7.387	9.850	14.774	24.624	49.248
1200 mm	5.837	11.674	17.510	23.347	35.021	58.368	116.736

Deflection in mm.

### 38x38 depth 30

Span between supports	Distributed load						
	50 kg	100 kg	150 kg	200 kg	300 kg	500 kg	1000 kg
300 mm	0.053	0.106	0.158	0.211	0.317	0.528	1.056
600 mm	0.422	0.844	1.267	1.689	2.533	4.222	8.444
900 mm	1.425	2.850	4.275	5.700	8.550	14.250	28.500
1200 mm	3.378	6.756	10.133	13.511	20.267	33.778	67.556

Deflection in mm.

### 38x38 depth 38

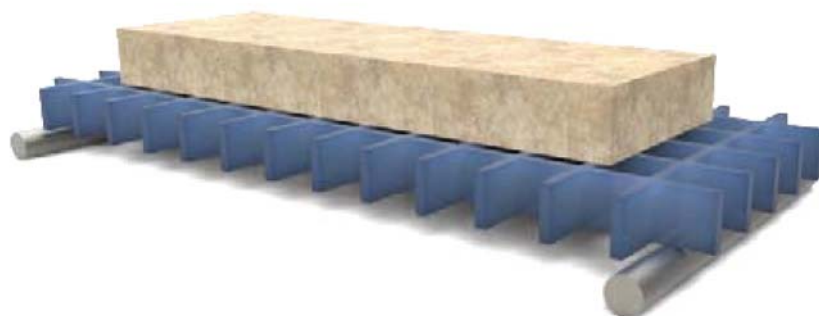
Span between supports	Distributed load						
	50 kg	100 kg	150 kg	200 kg	300 kg	500 kg	1000 kg
300 mm	0.026	0.052	0.078	0.104	0.156	0.260	0.519
600 mm	0.208	0.416	0.623	0.831	1.247	2.078	4.155
900 mm	0.701	1.402	2.104	2.805	4.207	7.012	14.024
1200 mm	1.662	3.324	4.986	6.648	9.972	16.620	33.241

Deflection in mm.

### 50x50 depth 50

Span between supports	Distributed load						
	50 kg	100 kg	150 kg	200 kg	300 kg	500 kg	1000 kg
300 mm	0.015	0.030	0.045	0.060	0.090	0.150	0.300
600 mm	0.120	0.240	0.360	0.480	0.720	1.200	2.400
900 mm	0.405	0.810	1.215	1.620	2.430	4.050	8.100
1200 mm	0.960	1.920	2.880	3.840	5.760	9.600	19.200

Deflection in mm.



## Surface loads

Theoretical deformations

GRILLES

### 38x38 depth 25

Span between supports	Surface load						
	50 kg	100 kg	150 kg	200 kg	300 kg	500 kg	1000 kg
300 mm	0.017	0.034	0.051	0.068	0.103	0.171	0.342
600 mm	0.274	0.547	0.821	1.094	1.642	2.736	5.472
900 mm	1.385	2.770	4.155	5.540	8.311	13.851	27.702
1200 mm	4.378	8.755	13.133	17.510	26.266	43.776	87.552

Deflection in mm.

### 38x38 depth 30

Span between supports	Surface load						
	50 kg	100 kg	150 kg	200 kg	300 kg	500 kg	1000 kg
300 mm	0.010	0.020	0.030	0.040	0.059	0.099	0.198
600 mm	0.158	0.317	0.475	0.633	0.950	1.583	3.167
900 mm	0.802	1.603	2.405	3.206	4.809	8.016	16.031
1200 mm	2.533	5.067	7.600	10.133	15.200	25.333	50.667

Deflection in mm.

### 38x38 depth 38

Span between supports	Surface load						
	50 kg	100 kg	150 kg	200 kg	300 kg	500 kg	1000 kg
300 mm	0.005	0.010	0.015	0.019	0.029	0.049	0.097
600 mm	0.078	0.156	0.234	0.312	0.467	0.779	1.558
900 mm	0.394	0.789	1.183	1.578	2.366	3.944	7.888
1200 mm	1.247	2.493	3.740	4.986	7.479	12.465	24.931

Deflection in mm.

### 50x50 depth 50

Span between supports	Surface load						
	50 kg	100 kg	150 kg	200 kg	300 kg	500 kg	1000 kg
300 mm	0.002	0.004	0.006	0.009	0.013	0.021	0.043
600 mm	0.034	0.068	0.103	0.137	0.205	0.342	0.684
900 mm	0.173	0.346	0.519	0.693	1.039	1.731	3.463
1200 mm	0.547	1.094	1.642	2.189	3.283	5.472	10.944

Deflection in mm.