

Pultruded gratings



The maximum prescribed load gratings T 40/150 (kg/m²)

Distance between the supports L(m)	0.50	0.75	1.00	1.25	1.50	1.75	2.00
Maximum Load kg/m ² deflection L/150	8 950	2 650	1 120	570	350	210	140
Maximum Load kg/m ² deflection L/200	6 710	1 990	840	430	260	160	105
Maximum Load kg/m ² deflection L/400	3 355	995	420	215	130	80	-

Example:

Conditions: The distance between supports 1.00 m, the allowable deflection of L/200 (depends on the purpose of construction).

Based on the conditions, the maximum load on the deck 840 kg/m².

The maximum prescribed load gratings T 50/300 (kg/m²)

Distance between the supports L(m)	0.50	0.75	1.00	1.25	1.50	1.75	2.00
Maximum Load kg/m ² deflection L/150	6 650	1 975	830	425	250	155	100
Maximum Load kg/m ² deflection L/200	4 990	1 480	625	320	185	115	75
Maximum Load kg/m ² deflection L/400	2 495	740	315	160	95	-	-

Example:

Conditions: The distance between supports 1.00 m, the allowable deflection of L/400

(depends on the purpose of construction).

Based on the conditions, the maximum load on the deck **315** kg/m².

Advantages of fiberglass composite flooring:

Lightweight, enabling to economize on freight transportation, also installation works can be performed much easier and quicker;

A unique structure of crossed cores allows to cut flooring panels easily and to vary their arrangement. Also our company offers planks with non-slip surface made on corundum basis.

The fiberglass composite floors can be used in various sectors:

- Industrial;
- In port and seacoast zones;
- The mining industry;
- Transport and transportation;
- Chemical industry;
- In electric power sphere;
- Communications;
- At public catering enterprises;
- Water and sewage disposal systems;
- Agriculture;
- Railway.