

loadtable GRP-profile gratings

loadtable profile gratings Level 30 mm



GRP-Profile gratings 30x10x30, level 30mm, I-beam distance 30mm

span width, mm	point demand, kg	safety factor	area load, kg/m ²	safety factor
300	1035	2	17180	3
450	523	3	5758	4
600	319	4	2628	5
750	209	5	1369	7
900	146	6	815	8
1000	120	7	601	9
1200	84	8	350	10



GRP-Profile gratings 30x10x20, level 30mm, I-beam distance 20mm

span width, mm	point demand, kg	safety factor	area load, kg/m ²	safety factor
450	888	2	11046	3
600	439	3	3658	4
750	305	4	1887	5
900	204	5	1118	7
1000	136	6	836	8
1200	115	7	581	9
1400	82	8	303	10



GRP-Profile gratings 30x10x14,5, level 30mm, I-beam distance 14,5mm

span width, mm	point demand, kg	safety factor	area load, kg/m ²	safety factor
450	1045	2	13052	3
600	512	3	4269	4
750	335	4	2289	5
900	240	5	1322	7
1000	193	6	972	8
1200	136	7	564	9
1400	99	8	361	10

The loads are determined by a deflection of L/125. A deflection of L/125 is equivalent to 0,75% referring to the span. The pointload has been generated with a load stamp of WxL = 200x200mm. We commend to assay the applicability cases.

