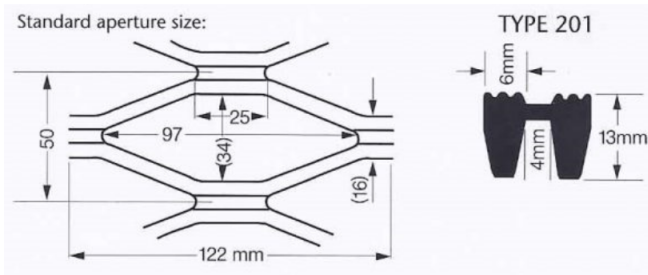


PRODUCT DATA SHEET
rev 2 Date 25 April 2024

Ampligrip RoofGrip Specification

Ampligrip 201 and 201 R (Railed) specifications



TYPE 201R

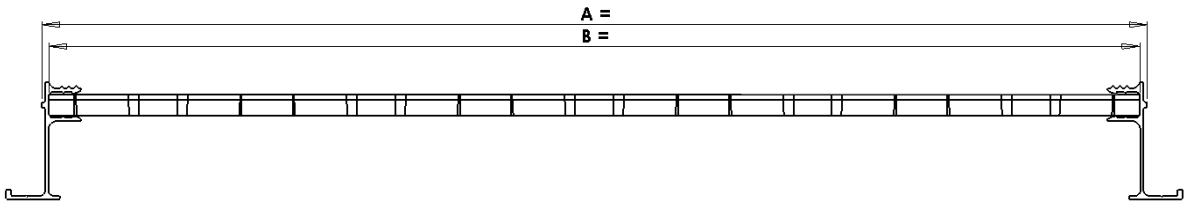
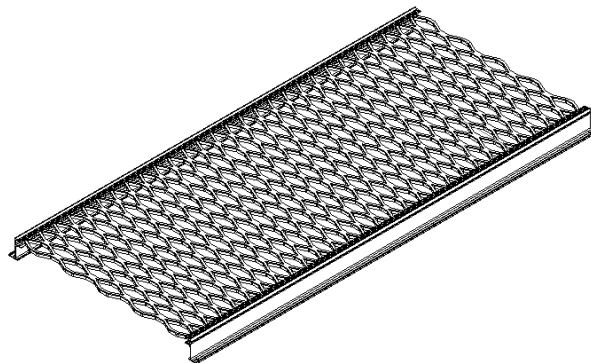
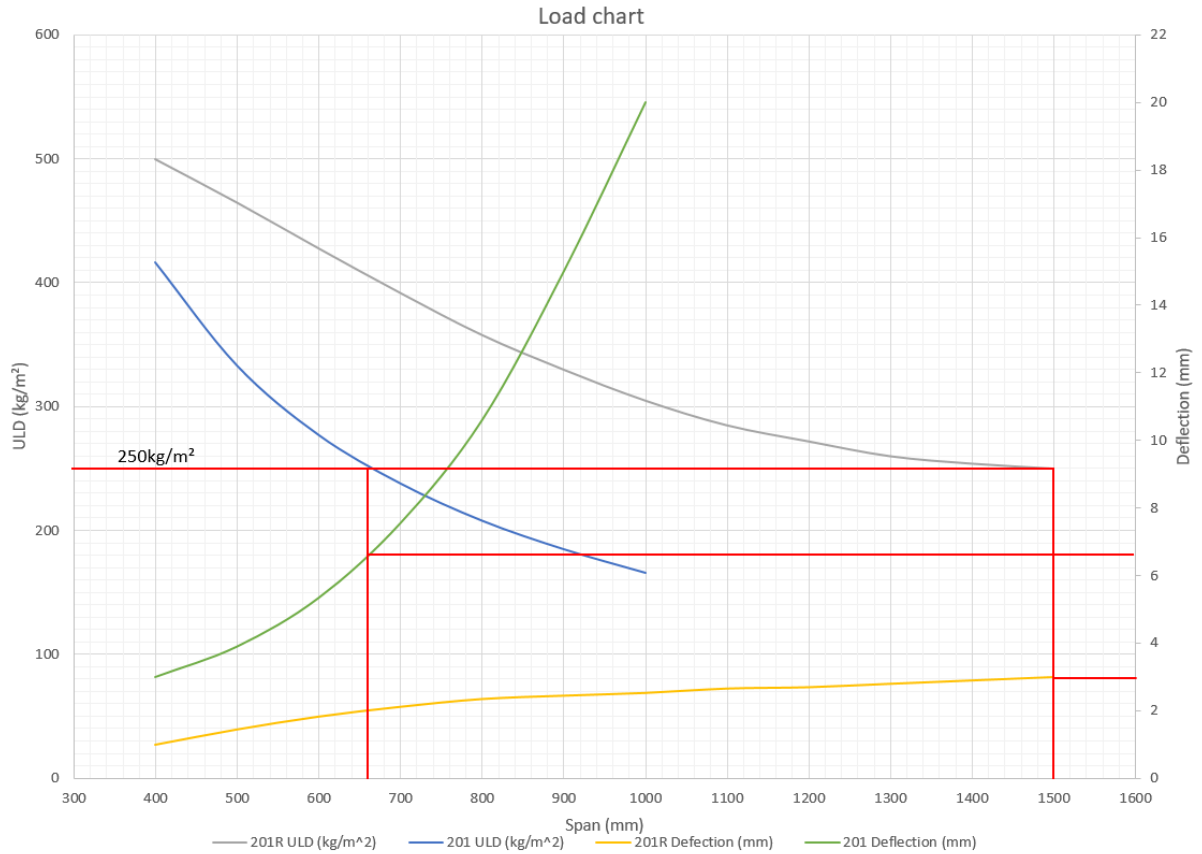


Table of Sizes:

Type	Narrow Width Solar (kg)	Medium Width(kg)	Wide Width(kg)
201 (B) 6meter long	300mm (11,5kg)	400mm (15,3kg)	600mm (23kg)
201 Rail (A) 6meter long	320mm (13,95kg)	445mm (17kg)	625mm (34,15kg)



Load Chart for Ampligrip Roof Grip



Deflections:

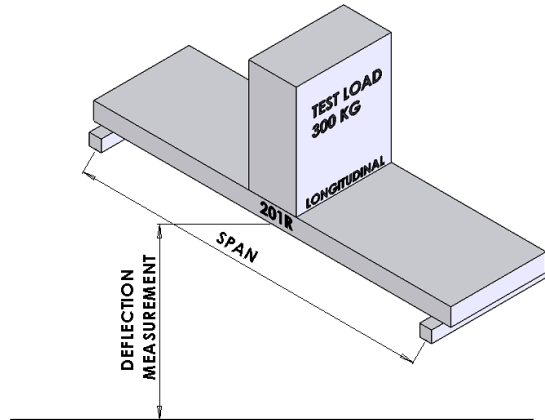
Ampligrip 201 needs support every 680mm @ 6.5mm deflection 150kg.

Ampligrip 201R needs support at least every 1500mm @ 3,5mm deflection with workload 150kg.

TYPE	SPAN (mm)											
	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
201 Deflection	3mm	4	5	8	10	15	20					
201R Deflection	1mm	1,45	1,83	2,12	2,45	2,38	2,50	2,60	2,85	3,0	3,20	3,5

Test Loading:

Using a Safety Factor of 2 the load test was performed and deflection measured as illustrated below:



With full safety factor and longitudinal load walkway does not deform and further return to original level. The deflection on load is less than Factory Regulation of 7,5mm for 1,5m span and comply.

It is recommend a maximum span of approximately 1,5m for support of 201R type walkway for withs of 315mm/445mm or 625mm wide walkway.