

Characteristic Values of Axial Load Resistance (kN)					
Annex	OMG Roof Fastener Combination		Substrate Steel – 0.7mm thick S280GD to EN 10326 Plywood – t ≥ 19mm exterior grade to EN 636 Concrete – 100mm thick C25/30 to EN 206-1		
	Screw	Washer / Linear Fastener	Steel	Plywood	Concrete
1	#12 Standard Roofgrip	3" ribbed galvalume	0.72	1.27	-
2		AccuTrac plate	0.72	1.27	-
3		3" plastic plate	0.72	1.27	-
4		2" metal Seam plate	0.72	1.27	-
5		2" Plastic Barbed Seam Plate	0.72	1.27	-
6		2" metal barbed seam plate	0.72	1.27	-
7	#12 Standard Roofgrip Drill point	3" ribbed galvalume	1.05	1.41	-
8		AccuTrac plate	1.05	1.41	-
9		3" plastic plate	1.05	1.41	-
10		XHD barbed plate	1.05	1.41	-
11		2 ³ / ₈ " Eyehook seam plate	1.05	1.41	
12		³ / ₄ " polymer batten strip	1.05	1.41	
13		2" metal Seam plate	1.05	1.41	
14		2" Plastic Barbed Seam Plate	1.05	1.41	-
15		2" metal barbed seam plate	1.05	1.41	-
16	#14 Heavy Duty	3" ribbed galvalume	0.56	1.60	3.01
17		AccuTrac plate	0.56	1.60	2.81
18		2 ³ / ₈ " Eyehook seam plate	0.56	1.60	3.97
19		3" Maxload seam plate	0.56	1.60	3.97
20		³ / ₄ " polymer batten strip	0.56	1.60	2.59
21		3" plastic plate	0.56	1.60	1.75
22		2" metal Seam plate	0.56	1.60	3.97
23		2" Plastic Barbed Seam Plate	0.56	1.60	3.25
24			2" metal barbed seam plate	0.56	1.60
25	#15 Roofgrip	3" ribbed galvalume	1.42	1.57	1.40
26		AccuTrac plate	1.42	1.57	1.40
27		2 ³ / ₈ " Eyehook seam plate	1.42	1.57	1.40
28		2 ³ / ₄ " Eyehook seam plate	1.42	1.57	1.40
29		Maxload seam plate	1.42	1.57	1.40
30		³ / ₄ " polymer batten strip	1.42	1.57	1.40
31		3" plastic plate	1.42	1.50	1.40
32		2" metal Seam plate	1.42	1.57	1.40
33		2" Plastic Barbed Seam Plate	1.42	1.57	1.40
34			2" metal barbed seam plate	1.42	1.57
35	XHD	3" ribbed galvalume	1.42	1.57	-
36		AccuTrac plate	1.42	1.57	-
37		XHD barbed plate	1.42	1.57	-
38		2 ³ / ₈ " Eyehook seam plate	1.42	1.57	-
39		Maxload seam plate	1.42	1.57	-
40		³ / ₄ " polymer batten strip	1.42	1.57	-
41		3" plastic plate	1.42	1.50	-
42			2" metal Seam plate	1.42	1.57

Mean Values of Axial Load Resistance (kN)					
Annex	OMG Roof Fastener Combination		Substrate Steel – 0.7mm thick S280GD to EN 10326 Plywood – t ≥ 19mm exterior grade to EN 636 Concrete – 100mm thick C25/30 to EN 206-1		
	Screw	Washer / Linear Fastener	Steel	Plywood	Concrete
1	#12 Standard Roofgrip	3" ribbed galvalume	0.88	2.85	-
2		AccuTrac plate	0.88	2.85	-
3		3" plastic plate	0.88	1.78	-
4		2" metal Seam plate	0.88	2.85	-
5		2" Plastic Barbed Seam Plate	0.88	2.85	-
6		2" metal barbed seam plate	0.88	2.85	-
7	#12 Standard Roofgrip Drill point	3" ribbed galvalume	1.19	1.96	-
8		AccuTrac plate	1.19	1.96	-
9		3" plastic plate	1.19	1.78	-
10		XHD barbed plate	1.19	1.96	-
11		2 ^{3/8} " Eyehook seam plate	1.19	1.96	-
12		3/4" polymer batten strip	1.19	1.96	-
13		2" metal Seam plate	1.19	1.96	-
14		2" Plastic Barbed Seam Plate	1.19	1.96	-
15	2" metal barbed seam plate	1.19	1.96	-	
16	#14 Heavy Duty	3" ribbed galvalume	0.79	2.78	3.26
17		AccuTrac plate	0.79	2.78	2.93
18		2 ^{3/8} " Eyehook seam plate	0.79	2.78	4.75
19		3" Maxload seam plate	0.79	2.78	4.75
20		3/4" polymer batten strip	0.79	2.78	2.78
21		3" plastic plate	0.79	1.88	1.88
22		2" metal Seam plate	0.79	2.78	4.75
23		2" Plastic Barbed Seam Plate	0.79	2.78	3.51
24	2" metal barbed seam plate	0.79	2.78	4.75	
25	#15 Roofgrip	3" ribbed galvalume	1.61	2.04	2.94
26		AccuTrac plate	1.61	2.04	2.93
27		2 ^{3/8} " Eyehook seam plate	1.61	2.04	2.93
28		2 ^{3/4} " Eyehook seam plate	1.61	2.04	2.93
29		Maxload seam plate	1.61	2.04	2.93
30		3/4" polymer batten strip	1.61	2.04	2.78
31		3" plastic plate	1.61	1.72	1.72
32		2" metal Seam plate	1.61	2.04	2.94
33	2" Plastic Barbed Seam Plate	1.61	2.04	2.94	
34	2" metal barbed seam plate	1.61	2.04	2.94	
35	XHD	3" ribbed galvalume	1.61	2.04	-
36		AccuTrac plate	1.61	2.04	-
37		XHD barbed plate	1.61	2.04	-
85		2 ^{3/8} " Eyehook seam plate	1.61	2.04	-
39		Maxload seam plate	1.61	2.04	-
40		3/4" polymer batten strip	1.61	2.04	-
41	3" plastic plate	1.61	1.72	-	

