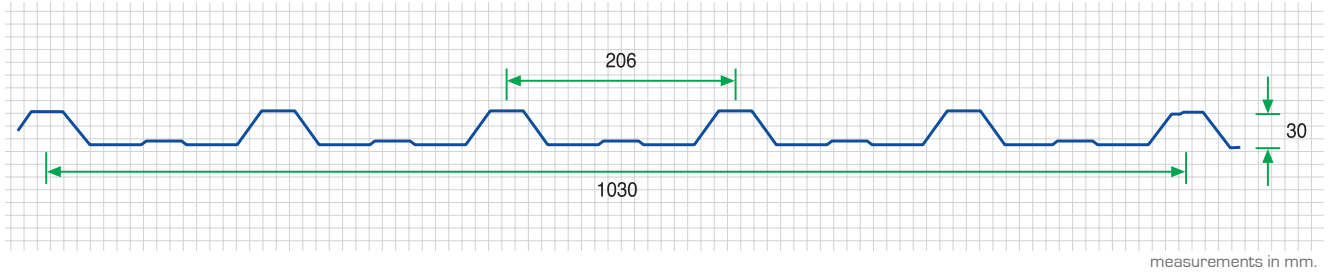


MG 30/206

Trapezoidal Profile
Standard Profiles



PROFILE



OVERLAP DETAIL



FINISHES

These profiles come in various finishes: galvanized, prepainted (silicone polyester), and on request in: aluzinc, aluminium, stainless steel, copper and with a perforated finish.

TECHNICAL FEATURES

The MG-30/206 profile has a ridge height of 30 mm, a distance between troughs (ridge width) of 206mm and a usable width of 1,030 mm. These profiles are manufactured to order in various lengths and in thicknesses that range from 0.5 mm to 0.8 mm.

APPLICATIONS

This is one of the most commonly used profiles for all types of metallic building coverings due to its mechanical strength and its non-deformable longitudinal overlaps, which ensure its watertightness. It is ideal for use in roofing, facades, industrial false roofs, and site protection fencing. It is notable for its ease of installation, lightness and attractive appearance in both horizontal and vertical mountings.

TECHNICAL DATA

THICKNESS (mm)	WEIGHT (Kg/m ²)	MOMENT OF INERTIA I _x (cm ⁴)	POSITION A		POSITION B	
			RESISTIVE MOMENT W _x (cm ³)	MAXIMUM MOMENT m.Kg	RESISTIVE MOMENT W _x (cm ³)	MAXIMUM MOMENT m.Kg
0.5	4.85	6,95	3,280	43,31	3,022	41,03
0.6	5.82	8,340	3,947	53,05	3,720	50,52
0.8	7,76	11,120	5,291	63,67	5,100	69,26

LOAD LIMITS IN USE

LOADS ARE CALCULATED BASED ON THE FOLLOWING FACTORS:

- Loads are uniformly spread (kg/m²)
- Elastic Limit equal to or greater than 1,400 kg/cm²
- Maximum flexion limit of Length/200

POSITION A						POSITION B					
Distance between supports (metres)					THICKNESS (mm)	Distance between supports (metres)					
2,00	1,75	1,50	1,25	1,00		1,00	1,25	1,50	1,75	2,00	
	95	153	257	415	0,5	386	238	113	97		
	120	184	332	533	0,6	477	294	146	120		
112	171	247	429	722	0,8	665	416	217	171	92	
1 SPAN											
Distance between supports (metres)					THICKNESS (mm)	Distance between supports (metres)					
2,00	1,75	1,50	1,25	1,00		1,00	1,25	1,50	1,75	2,00	
	110	168	276	434	0,5	406	249	143	106		
100	135	192	351	452	0,6	497	305	174	136	103	
137	186	266	448	741	0,8	685	427	237	186	139	
2 SPANS											
Distance between supports (metres)					THICKNESS (mm)	Distance between supports (metres)					
2,00	1,75	1,50	1,25	1,00		1,00	1,25	1,50	1,75	2,00	
	119	161	224	330	524	0,5	488	307	208	149	110
	156	209	290	424	672	0,6	604	379	258	186	138
217	289	400	583	921	0,8	837	529	362	261	196	
3 SPANS											