

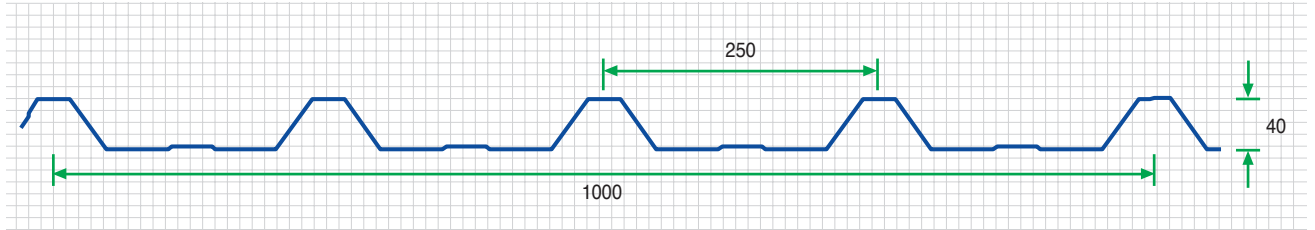
MG 40/250

Trapezoidal Profile

Standard Profiles



PROFILE



measurements in mm.

OVERLAP PROFILE



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-40/250 profile has a ridge height of 40 mm, a distance between troughs (ridge width) of 250mm and a usable width of 1,000 mm. These profiles are manufactured to order in various lengths and in thicknesses that range from 0.5 mm to 0.8 mm.

APPLICATIONS

Its high mechanical strength makes this the ideal profile for the installation of single roofs, double-layer sandwich roofs and Deck roofs. The height of the ribs affords a greater space below ridges, while its non-deformable longitudinal overlaps ensure its watertightness. 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	5	14,470	4,310	66.96	4,920	74.72
0.6	6	15,520	5,160	82.58	5,380	86.08
0.8	8	19,750	6,860	109.76	7,030	112.48

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					THICKNESS (mm)	POSITION B				
Distance between supports (metres)						Distance between supports (metres)				
2,50	2,00	1,75	1,50	1,00	0,5	1,00	1,50	1,75	2,00	2,50
	102	135	185	422	0,6	470	230	175	143	
	87	126	166	229	0,8	538	242	183	131	96
	118	177	233	320		737	332	241	184	123

1 SPAN

POSITION A					THICKNESS (mm)	POSITION B				
Distance between supports (metres)						Distance between supports (metres)				
2,50	2,00	1,75	1,50	1,00	0,5	1,00	1,50	1,75	2,00	2,50
	129	169	232	529	0,6	630	280	215	158	101
	133	148	195	268	0,8	689	307	223	172	111
	176	208	273	375		900	400	294	225	143

2 SPANS

POSITION A					THICKNESS (mm)	POSITION B				
Distance between supports (metres)						Distance between supports (metres)				
2,50	2,00	1,75	1,50	1,00	0,5	1,00	1,50	1,75	2,00	2,50
	110	120	158	217	0,6	738	350	266	198	126
	106	159	209	287	0,8	832	384	278	215	139
	140	223	293	402		995	501	370	281	180

3 SPANS