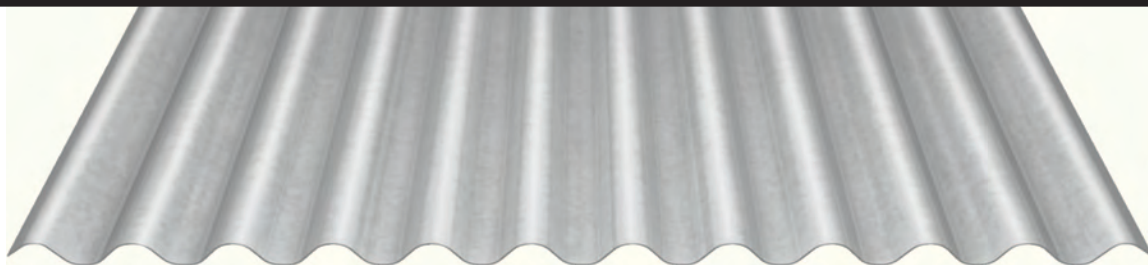
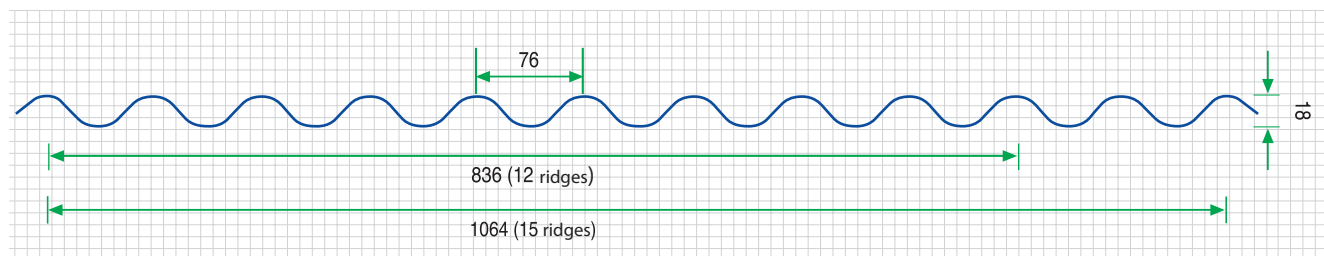


# MG 18/76

Corrugated Profile  
Standard Profiles



## PROFILE



measurements in mm.

## OVERLAP DETAIL



## TECHNICAL FEATURES

The MG-18/76 profile has a ridge height of 18 mm, a distance between peaks (ridge width) of 76 mm and a usable width of 836 mm or 1,064 mm. These profiles are manufactured to order in various lengths and in thicknesses that range from 0.5 mm to 1.5 mm.

## APPLICATIONS

This profile is particularly suited for use in:

- Roofs
- Fencing
- Facades

## 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 DATA

THICKNESS (mm)	WEIGHT (Kg/m <sup>2</sup> )	MOMENT OF INERTIA I <sub>x</sub> (cm <sup>4</sup> )	RESISTIVE MOMENT W <sub>x</sub> (cm <sup>3</sup> )	MAXIMUM MOMENT m.Kg
0.5	4.78	2.038	2.330	32.62
0.6	5.74	2.392	2.719	38.06
0.8	7.65	3.222	3.625	50.75

## LOAD LIMITS IN USE

LOADS ARE CALCULATED BASED ON THE FOLLOWING FACTORS:

- Loads are uniformly spread (kg/m<sup>2</sup>)
- Elastic Limit equal to or greater than 1,400 kg/cm<sup>2</sup>
- Maximum flexion limit of Length/200

Thickness (mm)	Distance between supports (metres)				
	1.00	1.25	1.50	2.00	2.25
0.5	218	139	96		
0.6	260	166	115		
0.8	343	219	152	85	

1 SPAN / 2 SPANS

Thickness (mm)	Distance between supports (metres)				
	1.00	1.25	1.50	2.00	2.25
0.5	272	173	120		
	254	162	112		
0.6	325	207	143	81	
	303	194	134	75	
0.8	428	273	190	106	83
	400	255	177	99	78

3 SPANS 4 SPANS