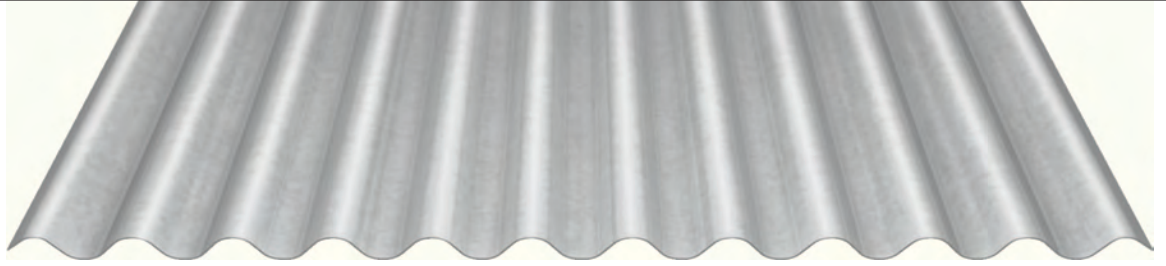
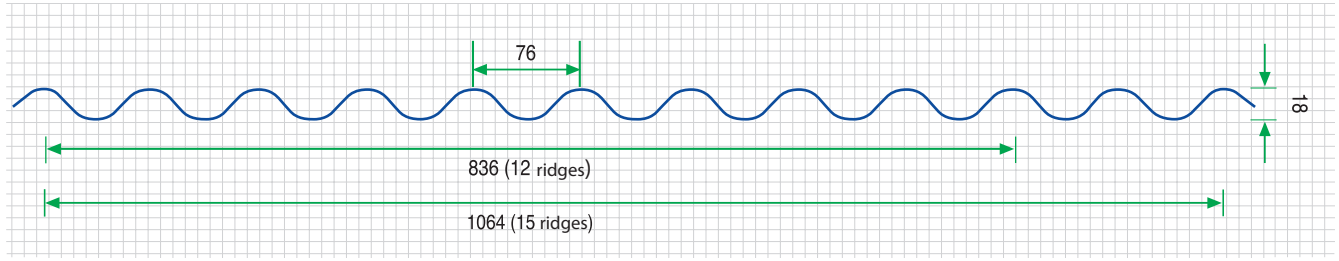


MG 18/76

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 ²) | MOMENT OF INERTIA I _x (cm ⁴) | RESISTIVE MOMENT W _x (cm ³) | 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/m²)
- Elastic Limit equal to or greater than 1,400 kg/cm²
- 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