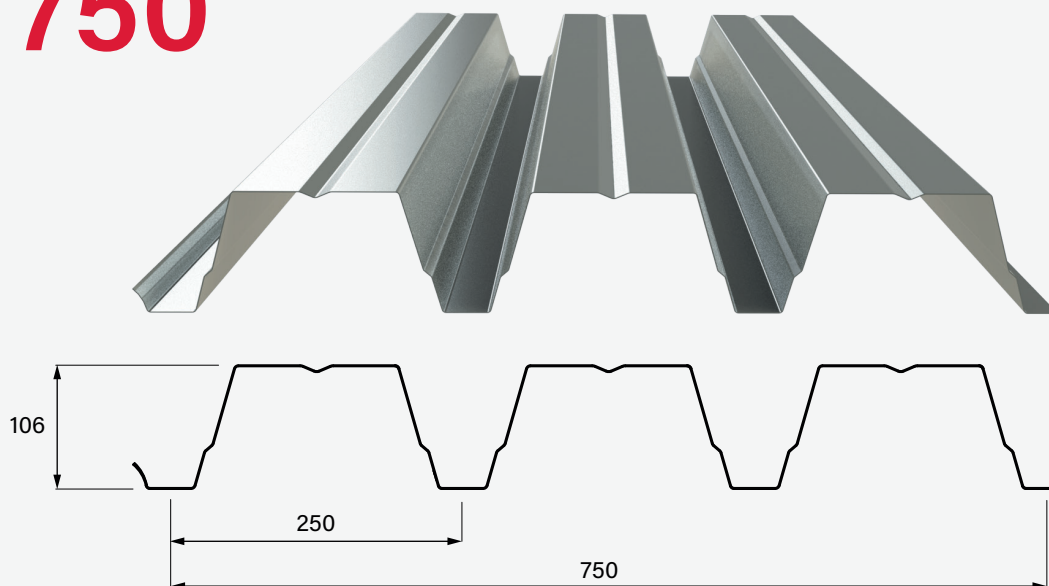


106R/750



Technical properties

Profile plate type	Steel thickness [mm]	Weight [kg/m ²]	I _{eff} [cm ⁴ /m]
106R/750	0.70	9.2	148.06
	0.75	9.8	163.45
	0.88	11.5	200.53
	1.00	13.1	235.36

Steel grade

S280GD, S320GD

Coatings

Colorcoat HPS200 Ultra®, Prisma® 65, Prisma® 40, Granite® HDX, Granite® HDS, Polyester, Magnelis® ZM120, Galvanised Z275, Interior coating, Aluzinc 185

Optional

Perforated, anti-condensation felt, drainage holes ctc (centre-to-centre) distance 1,500 mm

Dimensions

Standard 1,200 - 15,000

Length [mm]

Minimum 800

Maximum 25,100

Packaging

Max. number per package 40 off

Max. weight per package 2,500 kg

Certificates



106R/750

Span table

Deflection requirement	L/250
Steel grade	S320GD
Bearing	≥ 180mm

Permanent load	Tare weight of roof panel	0.085 - 0.131	kN/m ²
	Solar panels	0.20	kN/m ²
	Ceiling/piping	0.10	kN/m ²
	PIR (Rc 6.3) 140mm	0.06	kN/m ²
	PVC 1.5mm	0.02	kN/m ²

Maximum span [m] at specified uniformly distributed loads in combination with imposed load of 1.00 kN/m².

The units used in the table above are based on Dutch norms.

106R/750

Profile plate type	Thick-ness [mm]	Steel sheet [kg/m ²]	Permanent load [kN/m ²]	CC1			CC2		
				1 fields	2 fields	3 fields	1 fields	2 fields	3 fields
				[m]	[m]	[m]	[m]	[m]	[m]
106R/750	0.70	9.20	0.38	4.02	5.33	4.96	4.02	4.96	4.96
	0.75	9.80	0.38	4.15	5.56	5.13	4.15	5.26	5.13
	0.88	11.50	0.38	4.42	5.93	5.46	4.42	5.93	5.46
	1.00	13.10	0.38	4.66	6.23	5.75	4.66	6.23	5.75

106R/750 PERFO

Profile plate type	Thick-ness [mm]	Steel sheet [kg/m ²]	Permanent load [kN/m ²]	CC1			CC2		
				1 fields	2 fields	3 fields	1 fields	2 fields	3 fields
				[m]	[m]	[m]	[m]	[m]	[m]
106R/750 PERFO	0.70	8.50	0.38	3.69	3.32	3.72	3.69	3.11	3.50
	0.75	9.00	0.38	3.79	3.63	4.07	3.79	3.41	3.82
	0.88	10.60	0.38	4.06	4.40	4.93	4.06	4.14	4.65
	1.00	12.10	0.38	4.27	5.08	5.28	4.27	4.78	5.28

Principles

- Basis of structural design in accordance with NEN-EN 1990/NB
- Actions on structures in accordance with NEN-EN 01/01/1991/NB