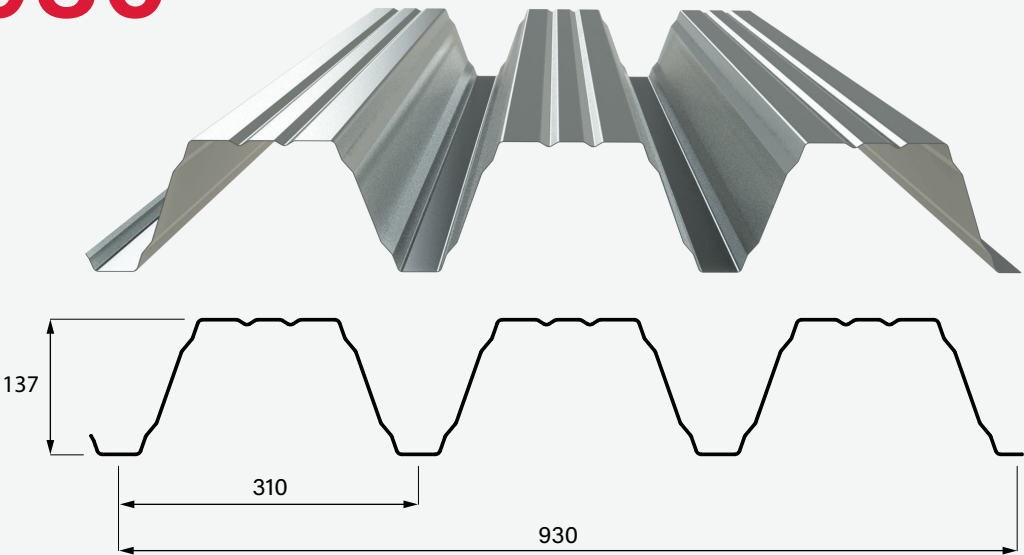


137R/930



Technical properties

Profile plate type	Steel thickness [mm]	Weight [kg/m ²]	I _{eff} [cm ⁴ /m]
137R/930	0.75	9.5	297.00
	0.88	11.1	344.00
	1.00	12.7	387.00
	1.13	14.3	441.00
	1.25	15.8	491.00
	1.50	19.0	594.00

Steel grade	S320GD, S350GD		
Coatings	Colorcoat HPS200 Ultra®, Polyester, Magnelis® ZM120, Galvanised Z275, Interior coating, Reflective white		
Optional	Perforated, anti-condensation felt, drainage holes ctc (centre-to-centre) distance 1,500 mm		
Dimensions	Standard	1,500 - 15,000	
Length [mm]	Minimum	1,500	
	Maximum	25,100	
Packaging	Max. number per package	50 off (not applicable when perforated)	
	Max. weight per package	2,500 kg	

Certificates



137R/930

Span table

Deflection requirement	L/250
Steel grade	S320GD
Bearing	≥ 160 mm

Permanent load	Tare weight of roof panel	0.074 - 0.158	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.

137R/930

Profile plate type	Thick- ness	Steel sheet	Permanent load	CC1			CC2		
				1 fields	2 fields	3 fields	1 fields	2 fields	3 fields
				[m]	[m]	[m]	[m]	[m]	[m]
137R/930	0.75	9.5	0.38	5.08	6.00	6.28	5.08	5.64	6.28
	0.88	11.1	0.38	5.32	7.09	6.57	5.32	6.68	6.57
	1.00	12.7	0.38	5.51	7.40	6.82	5.51	7.40	6.82
	1.13	14.3	0.38	5.75	7.70	7.10	5.75	7.70	7.10
	1.25	15.8	0.38	5.93	7.96	7.35	5.93	7.96	7.35
	1.50	19.0	0.38	6.29	8.43	7.79	6.29	8.43	7.79

137R/930 PERFO

Profile plate type	Thick- ness	Steel sheet	Permanent load	CC1			CC2		
				1 fields	2 fields	3 fields	1 fields	2 fields	3 fields
				[m]	[m]	[m]	[m]	[m]	[m]
137R/930 PERFO	0.75	8.9	0.38	4.90	4.89	5.50	4.90	4.58	5.15
	0.88	10.4	0.38	5.20	5.85	6.44	5.20	5.50	6.18
	1.00	11.7	0.38	5.43	6.67	6.70	5.43	6.27	6.70
	1.13	13.3	0.38	5.66	7.45	7.00	5.66	7.00	7.00
	1.25	14.7	0.38	5.84	7.83	7.22	5.84	7.60	7.22
	1.50	17.8	0.38	6.18	8.29	7.65	6.18	8.29	7.65

Principles

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