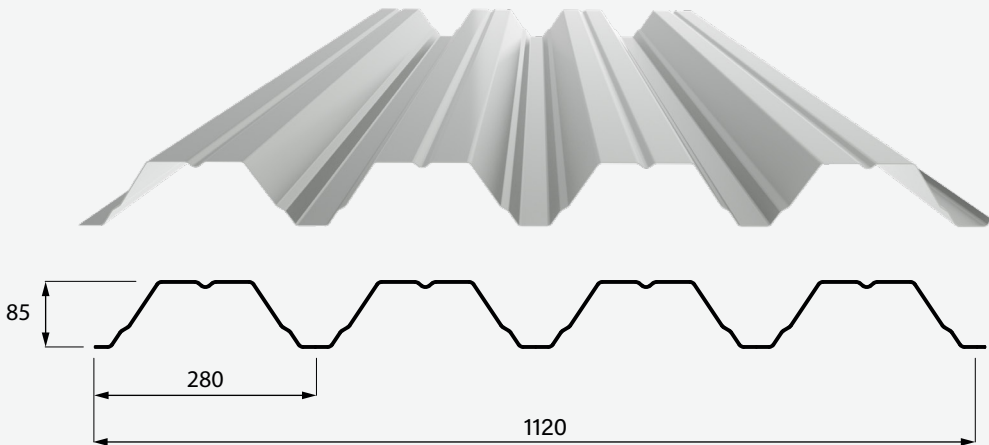


85R/1120



Technical properties

Profile plate type	Steel thickness [mm]	Weight [kg/m ²]	I _{eff} [cm ⁴ /m]
85R/1120	0.75	7.9	91.00
	0.88	9.3	108.00
	1.00	10.5	123.00
	1.13	11.9	140.00
	1.25	13.1	155.00
	1.50	15.8	187.00

Steel grade	S320GD
Coatings	Polyester, Magnelis® ZM100, Magnelis® ZM120, Aluzinc 185
Optional	Anti-condensation felt

Dimensions	Standard	1,500 - 15,000
Length [mm]	Minimum	600
	Maximum	24,000

Packaging	Max. number per package	Not known
	Max. weight per package	3,000kg

Certificates



85R/1120

Span table

Deflection requirement	L/250
Steel grade	S320GD
Bearing	≥ 120mm

Permanent load	Tare weight of roof panel	0.08 - 0.16	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.

85R/1120

Profile plate type	Thick- ness	Steel sheet	Permanent load	CC1			CC2		
				1 field	2 fields	3 fields	1 field	2 fields	3 fields
	[mm]	[kg/m ²]	[kN/m ²]	[m]	[m]	[m]	[m]	[m]	[m]
85R/1120	0.75	7.9	0.38	3.42	4.59	4.24	3.42	4.59	4.24
	0.88	9.3	0.38	3.61	4.84	4.47	3.61	4.84	4.47
	1.00	10.5	0.38	3.76	5.04	4.65	3.76	5.04	4.65
	1.13	11.9	0.38	3.92	5.25	4.84	3.92	5.25	4.84
	1.25	13.1	0.38	4.04	5.42	5.00	4.04	5.42	5.00
	1.50	15.8	0.38	4.28	5.73	5.29	4.28	5.73	5.29

Principles

- Basis of structural design in accordance with NEN-EN 1990/NB
- Actions on structures in accordance with NEN-EN 1991-1-1 + NB