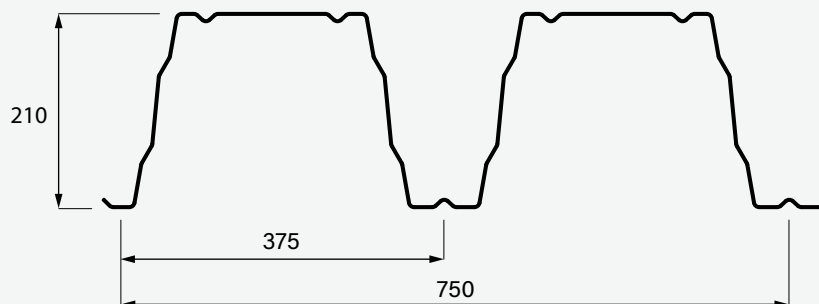


210R/750



Technical properties

Profile plate type	Steel thickness [mm]	Weight [kg/m ²]	I _{eff} [cm ⁴ /m]
210R/750	0.75	11.8	722.20
	0.88	13.8	867.80
	1.00	15.7	1005.10
	1.13	17.7	1156.80
	1.25	19.6	1299.40

Steel grade

S320GD

Coatings

Polyester 15 µm

Dimensions

Standard 1,500 - 15,000

Length [mm]

Minimum 1,500

Maximum 18,000

Packaging

Max. number per package Not known

Max. weight per package 3,000kg

Certificates



Standard dimensioning NEN-EN 1090-4

210R/750

Span table

Deflection requirement	L/250
Steel grade	S320GD
Bearing	≥ 200mm

Permanent load	Tare weight of roof panel	11.9 - 23.8	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.

210R/750

Profile plate type	Thick- ness [mm]	Steel sheet [kg/m ²]	Permanent load [kN/m ²]	CC1			CC2		
				1 field [m]	2 fields [m]	3 fields [m]	1 field [m]	2 fields [m]	3 fields [m]
210R/750	0.75	11.8	0.38	6.53	6.30	6.30	6.53	5.88	6.62
	0.88	13.8	-	7.17	7.72	-	7.17	7.22	-
	1.00	15.7	-	7.50	8.84	-	7.50	8.31	-
	1.13	17.7	-	7.82	-	-	7.82	-	-
	1.25	19.6	-	8.10	-	-	8.10	-	-

Principles

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