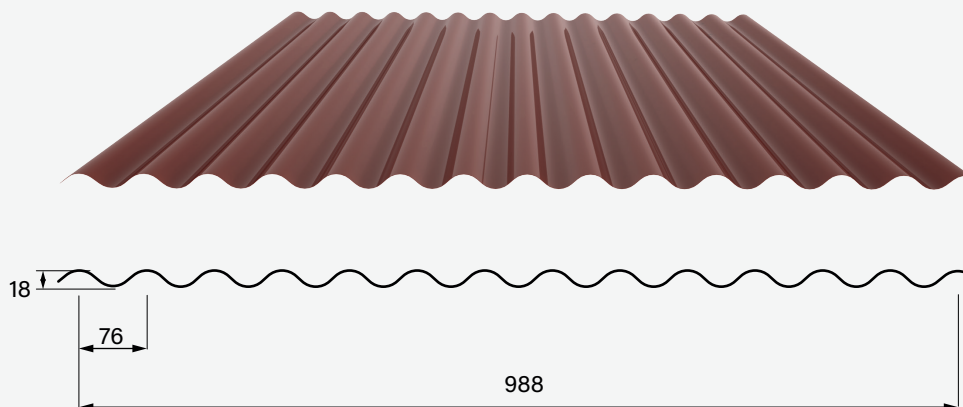


# 18KD/988



## Technical properties

Profile plate type	Steel thickness [mm]	Weight [kg/m <sup>2</sup> ]	I <sub>eff</sub> [cm <sup>4</sup> /m]
18KD/988	0.63	6.3	2.50
	0.70	7.0	2.75
	0.75	7.5	3.00

<b>Steel grade</b>	S280GD, S320GD
<b>Coatings</b>	Colorcoat HPS200 Ultra®, Prisma® 65, Prisma® 40, Granite® HDX, Granite® HDS, Polyester, Wood grain platisol, Delft Unique Color, Interior coating
<b>Optional</b>	Anti-condensation felt
<b>Dimensions</b>	Standard 500 - 8,000
<b>Length [mm]</b>	Minimum 330 Maximum 8,000
<b>Packaging</b>	Max. number per package 50 off Max. weight per package 2,000kg

**Certificates**



# 18KD/988

## Span table

Deflection requirement	L/250
Steel grade	S280GD
Bearing	40mm

Permanent load	Tare weight of roof panel	0.06 - 0.09	kN/m <sup>2</sup>
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Maximum span [m] at specified uniformly distributed permanent load in combination with imposed load of 1.00 kN/m<sup>2</sup>.

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

## 18KD/988

Profile plate type	Thick- ness [mm]	Steel sheet [kg/m <sup>2</sup> ]	Permanent load [kN/m <sup>2</sup> ]	CC1			CC2		
				1 field	2 fields	3 fields	1 field	2 fields	3 fields
				[m]	[m]	[m]	[m]	[m]	[m]
18KD/988	0.63	6.3	0.06	1.11	1.36	1.38	1.00	1.22	1.24
	0.70	7.0	0.07	1.17	1.50	1.48	1.11	1.35	1.37
	0.75	7.5	0.08	1.20	1.58	1.51	1.18	1.44	1.46

## Principles

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