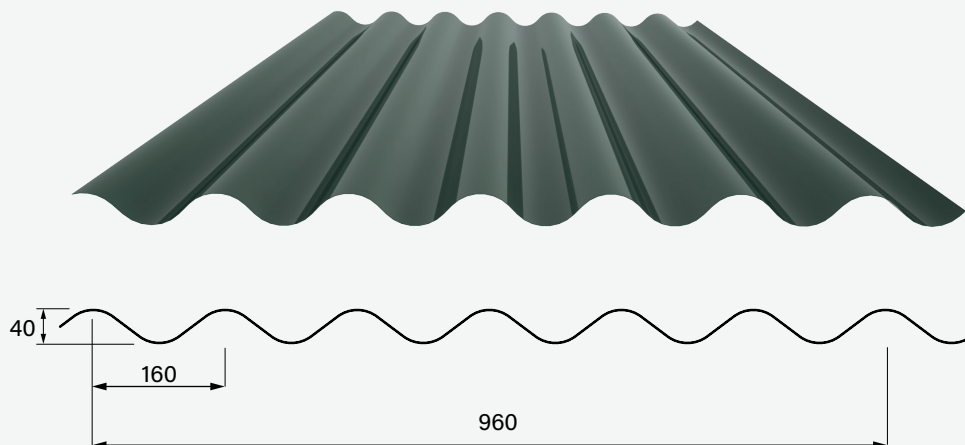


# 40KD/960



## Technical properties

Profile plate type	Steel thickness [mm]	Weight [kg/m <sup>2</sup> ]	I <sub>eff</sub> [cm <sup>4</sup> /m]
40KD/960	0.63	6.4	13.80
	0.70	7.2	16.10
	0.75	7.7	17.80

<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 - 10,000
<b>Length [mm]</b>	Minimum 330 Maximum 14,000
<b>Packaging</b>	Max. number per package 50 off Max. weight per package 2,000kg

**Certificates**



# 40KD/960

## 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.

## 40KD/960

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]
40KD/960	0.63	6.4	0.06	1.97	2.64	2.48	1.97	2.64	2.48
	0.70	7.2	0.07	2.04	2.73	2.57	2.04	2.73	2.57
	0.75	7.7	0.08	2.08	2.79	2.63	2.08	2.79	2.63

## Principles

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