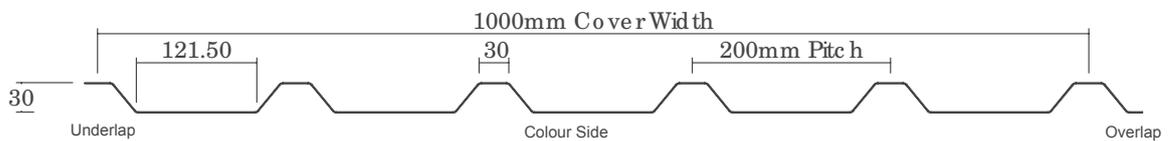


# N1000WL

## Technical Drawing



## Profile



## Profile Properties

- Cover Width 1000mm
- Profile Depth 30mm
- Pitch 200mm
- Crown Width 30mm
- Valley Width 121mm
- Thickness 0.7mm available

## Coating Options

- Bright White Liner (BWLE) as standard
- Goosewing Grey Liner

## Options

- S220 +z~Z100 Grade Steel in accordance with BS EN 10143:2016 and BS EN 10346:2015
- Self-Curve to 40m
- Maximum sheet lengths up to 6m
- Flexibility in pack sizes

## Fire Classification

- Surface spread of flame – Class 1 – BS476: Part 7
- Surface rating – Class 0

## Standard Fixing Detail

### Sheet Ends

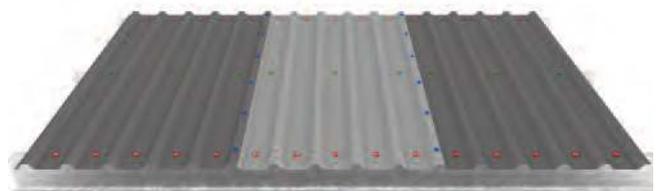
- Every Trough - Main Fix
- Sealant - 1no Run 9x3mm Butyl Mastic
- End Lap 100mm

### Intermediate Fix

- Alternate Trough - Main Fix

### Side Lap

- Side Lap Fixing - Not Required
- 50mm x 1mm Polyband Tape



\*Guarantee subject to application, colour and location

# N1000WL

## Section Properties

Profile	Gauge (mm)	Grade (N/mm)	Coating	Weight (kg/m <sup>2</sup> )	Cover Width (mm)	Maximum single span (metres)	Maximum double span (metres)	Cantilever (metres)
N1000WL	0.5	S220 + Z100	Full coating range available	4.90	1000	1.49	1.77	300
	0.7	S220 + Z100	Full coating range available	6.25	1000	1.49	1.80	300

## Load Tables

Positive Imposed Load (Gravity) kN/m<sup>2</sup>

Span Type	Gauge (mm)	L/150							L/200						
		Span (m)							Span (m)						
		1000	1250	1500	1750	2000	2250	2500	1000	1250	1500	1750	2000	2250	2500
Single Span 	0.5	3.59	2.71	1.88	1.38	1.06	0.84	0.68	3.59	2.69	1.56	0.98	0.66	0.46	0.34
	0.7	6.84	4.38	3.04	1.99	1.34	0.94	0.68	6.84	4.1	2.38	1.5	1	0.7	0.51
Double Span 	0.5	2.05	1.49	1.13	0.89	0.72	0.59	0.5	2.05	1.49	1.13	0.89	0.72	0.59	0.5
	0.7	3.73	2.66	2	1.57	1.26	1.04	0.87	3.73	2.66	2	1.57	1.26	1.04	0.86
Multi Span 	0.5	2.43	1.77	1.35	1.06	0.86	0.72	0.6	2.43	1.77	1.35	1.06	0.86	0.72	0.56
	0.7	4.43	3.18	2.41	1.89	1.52	1.25	1.05	4.43	3.18	2.41	1.89	1.52	1.17	0.86

Negative Imposed Load (Uplift) kN/m<sup>2</sup>

Span Type	Gauge (mm)	L/150							L/200						
		Span (m)							Span (m)						
		1000	1250	1500	1750	2000	2250	2500	1000	1250	1500	1750	2000	2250	2500
Single Span 	0.5	3.59	2.46	1.61	1.01	0.68	0.48	0.35	3.59	2.08	1.21	0.76	0.51	0.36	0.26
	0.7	6.22	3.98	2.45	1.55	1.04	0.73	0.53	6.21	3.18	1.84	1.16	0.78	0.55	0.4
Double Span 	0.5	2.14	1.56	1.19	0.94	0.76	0.63	0.53	2.14	1.56	1.19	0.94	0.76	0.66	0.43
	0.7	3.9	2.8	2.12	1.66	1.34	1.1	0.88	3.9	2.8	2.12	1.66	1.29	0.91	0.66
Multi Span 	0.5	2.53	1.84	1.41	1.12	0.91	0.76	0.58	2.53	1.84	1.41	1.12	0.85	0.6	0.43
	0.7	4.62	3.34	2.53	1.99	1.61	1.21	0.88	4.62	3.34	2.53	1.93	1.29	0.91	0.66

Deflection Controls

\*or equivalent material