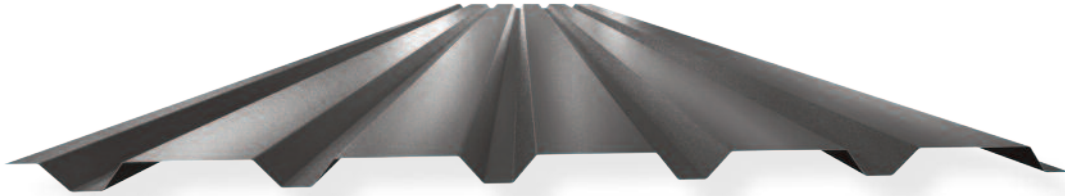


N1000C/CR

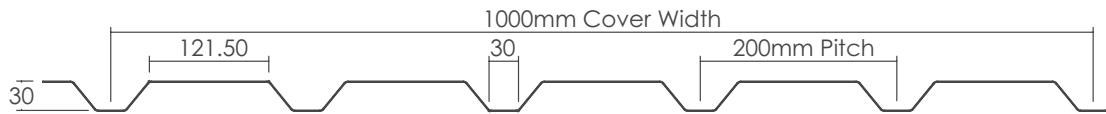
Technical Drawing



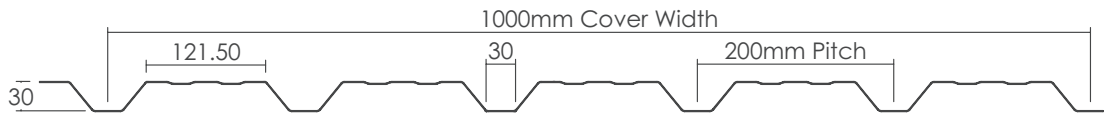
Side Lap Detail



N1000C



N1000CR



Profile Properties

- Cover Width 1000mm
- Profile Depth 30mm
- Pitch 200mm
- Crown Width 121mm
- Valley Width 30mm
- Thickness available 0.5mm/0.7mm

Coating Options

- F200 Plastisol 30 Year Guarantee
- GreenCoat Crown BT 30 Year Guarantee
- GreenCoat Hiarc Max Cool 40 Year Guarantee
- HDX Granite 40 Year Guarantee
- GreenCoat Pural Farm 30 Year Guarantee

Options

- S280 +z275 Grade Steel in accordance with BS EN 10143:2016 and BS EN 10346:2015
- Self-Curve to 40m
- Maximum sheet lengths up to 12m (0.7mm)
- Flexibility in pack sizes

Fire Classification

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

Standard Fixing Detail

Sheet Ends

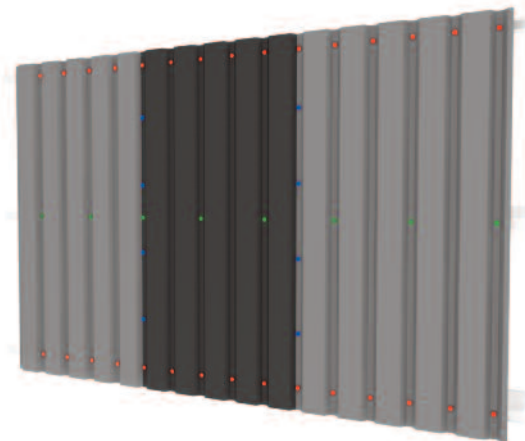
- Every Trough - Main Fix
- Sealant - Not Required
- End Lap 100mm

Intermediate Fix

- Alternate Trough - Main Fix

Side Lap

- 450mm Centres - Stitcher fixing



*Guarantee subject to application, colour and location


N1000C/CR

Section Properties

Profile	Gauge (mm)	Grade (N/mm)	Coating	Weight (kg/m ²)	Cover Width (mm)	Maximum single span (metres)	Maximum double span (metres)	Cantilever (metres)
N1000C/CR	0.5	S280 + Z275	Full coating range available	4.90	1000	1.4	1.6	300
	0.7	S280 + Z275	Full coating range available	6.25	1000	1.6	1.8	300

Load Tables

Positive Imposed Load (Gravity) kN/m²

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	0.6	0.43
	0.7	3.90	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

Negative Imposed Load (Uplift) kN/m²

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	1.31	0.88	0.62	0.45	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	2.14	1.89	1.52	1.25	1.05	4.43	3.18	2.41	1.89	1.52	1.17	0.86

Deflection Controls

* or equivalent material

- Tables consider deflection limits of:

Positive load (Gravity)	Span /200
Negative loads (Uplift)	Span /90
- All loads within table consider a partial factor of 1.5
- Fixing checks for uplift must be considered separately
- Tables based on bearing width (purlin) of 100mm
- Figures shaded indicate where design is governed by deflection