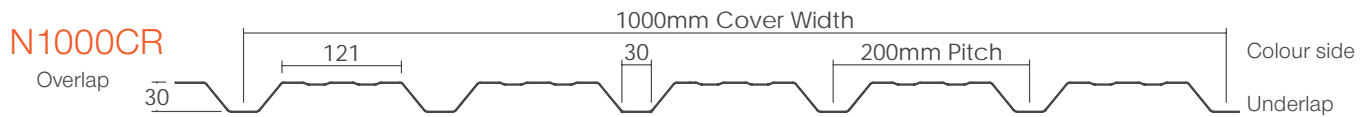
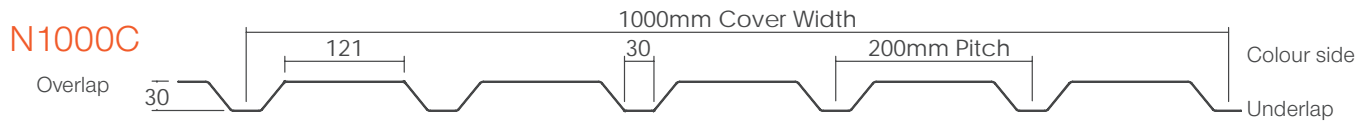
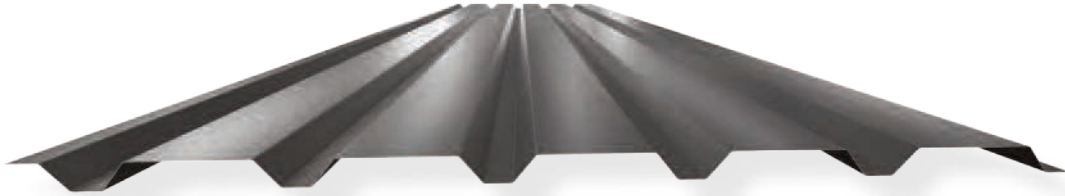


# N1000C/CR



## Technical Drawing

## Side Lap Detail



## Profile Properties

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

## Details

- S280 +z275 Grade Steel in accordance
- Reaction to Fire - Class O
- Resistance to Fire - Class AA
- Self-Curve to 40m
- Maximum sheet lengths up to 12m (0.7mm)
- Flexibility in pack sizes
- Crank Curve available
- Vented Sheet available

## Standard Fixing Detail

### Sheet Ends

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

### Intermediate Fix

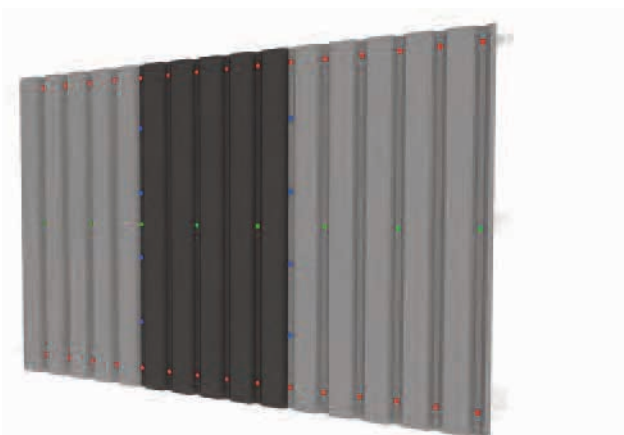
- Alternate Trough - Main Fix

### Side Lap

- 450mm Centres - Stitcher fixing

## Coating Options

- F200 Plastisol 30 Year Warranty  
European Classification - B-s2,d0
- GreenCoat Crown BT 30 Year Warranty  
European Classification - A2-s1,d0
- HDX Granite 35 Year Warranty  
European Classification - A1
- GreenCoat Hiarc Max 40 Year Warranty  
European Classification - A1



\*Warranty subject to application, colour and location

# N1000C/CR

## Section Properties

Profile	Gauge (mm)	Grade (N/mm)	Coating	Nominal Weight (kg/m <sup>2</sup> )	Cover Width (mm)	Maximum single span (metres)	Maximum double span (metres)	Cantilever (mm)
N1000C/CR	0.5	S280 + Z275	Full coating range available	4.80	1000	1.4	1.6	300
	0.7	S280 + Z275	Full coating range available	6.70	1000	1.6	1.8	300

## Load Tables

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

Span Type	Gauge (mm)	L/150							L/200						
		Span (mm)							Span (mm)						
		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/m<sup>2</sup>

Span Type	Gauge (mm)	L/150							L/200						
		Span (mm)							Span (mm)						
		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

- 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