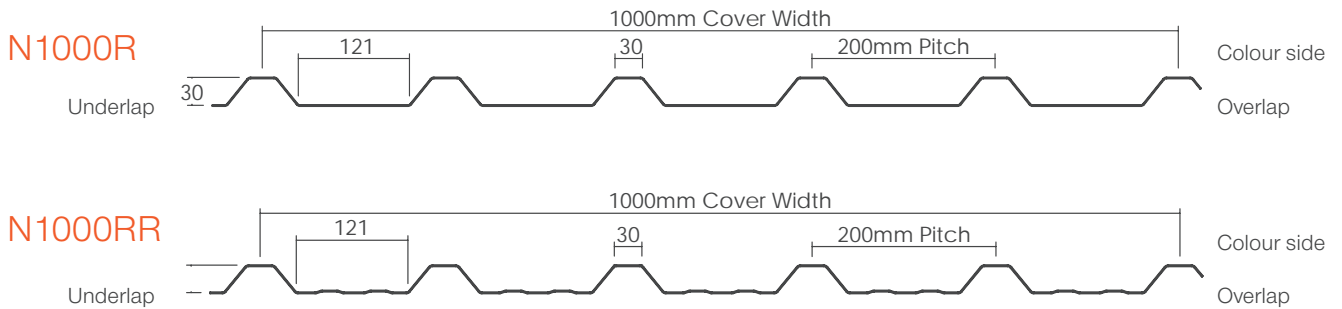
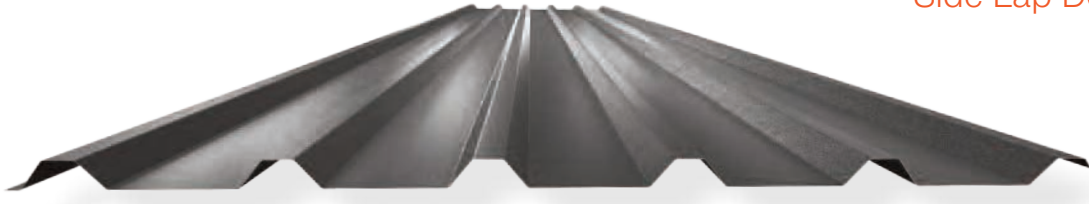


N1000R/RR



Profile

Side Lap Detail



Profile Properties

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

Details

- Equal Lap Profile available
- S280 +z275 Grade Steel
- 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

Standard Fixing Detail

Sheet Ends - Every Pitch

- Every Trough - Main Fix
- Sealant - 2no Runs 6x5 Butyl Mastic
- End Lap 150mm

Intermediate Fix

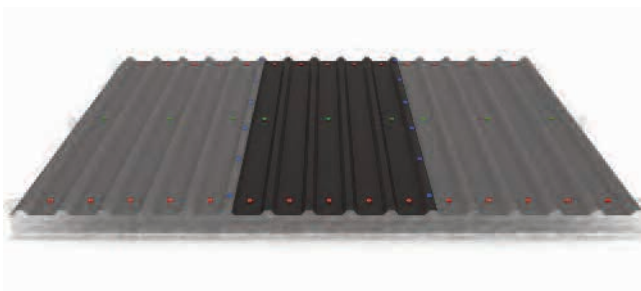
- Alternative Trough - Main Fix
- Sealant - Not Required

Side Lap

- 450mm Centres - Stitcher fixing
- Sealant - 1no Run 6x5 Butyl Mastic

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



*Guarantee subject to application, colour and location

N1000R/RR

Section Properties

Profile	Gauge (mm)	Grade (N/mm)	Coating	Nominal Weight (kg/m ²)	Cover Width (mm)	Maximum single span (metres)	Maximum double span (metres)	Cantilever (mm)
N1000R/RR	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/m²

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	1.38	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/m²

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	0.66	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

- 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