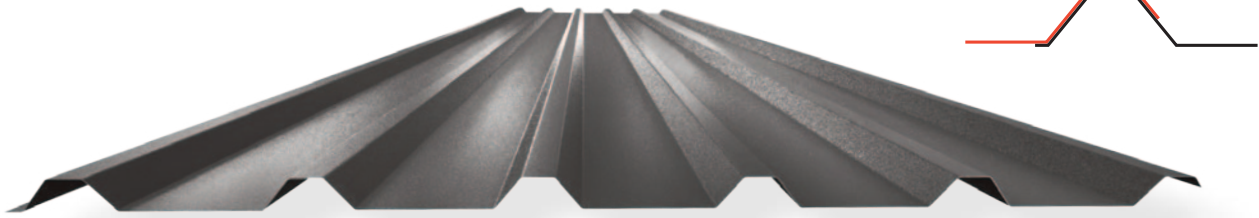


N1000R

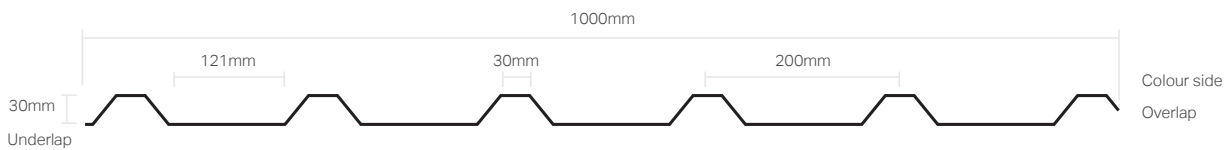
Profile:



Side lap detail:



N1000R:



Profile Geometry:

Cover Width: 1000mm	Profile Depth: 30mm	Pitch: 2000mm	Crown Width: 30mm	Trough Width: 121mm	Gauge: 0.7mm	Weight: 6.7kg/m ²
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Profiles Manufacture in accordance with BS EN 14782

Profile Variations:

N1000RR Roof Profile - Mini-Rib



Self Curve - Min 40m Radius

Crimp Curve - Available

N1000R/EQ Equal Lap Roof Profile



Anti-Condensation Fleece - Available

Product Specification:

Minimum Roof Pitch

- Design - 4 Degrees
- After deflection - 3.5 Degrees

Sheet Length

- Min Length - 1 Metres
- Max Standard Length** - 16 Metres

Fire Classification

- Single Skin - Broof t4
- Protex® System - Broof t4

External Finish:

	<u>Mission XP40°</u>	<u>Granite® HDX</u>	<u>GreenCoat® Hiarc Max</u>	<u>GreenCoat® Pural BT</u>
External Finish Warranty*	40 Years	35 Years	40 Years	40 Years
External Finish Thickness	200 Microns	55 Microns	40 Microns	50 Microns
Appearance	Steon®	Slight Texture	Slight Texture	Slight Texture
Colour Range	Solid	Solid & Metallic	Solid & Metallic	Solid & Metallic
Corrosion Classification	RC5	RC5	RC5	RC5
UV Classification	RUV4	RUV4	RUV4	RUV4
Fire Classification	C,S2-D0	A1/A2	A1	A1
Environmental Rating	🌱 🌱	🌱 🌱	🌱 🌱	🌱 🌱 🌱

* Warranty subject to application, colour and location.

** Max length subject to transport limitations. For lengths outside the limitations, speak to the team.

Typical Fixing Detail:

Sheet Ends

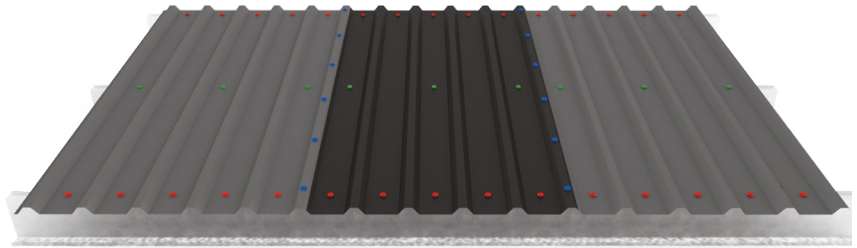
- Every Trough - Main Fix

Intermediate Supports

- Alternative Trough - Main Fix

End laps

- Every Trough - Main Fix
- Sealant – 2x Runs 6x5 Butyl Mastic






Side Lap




- 450mm Centres - Stitcher fixing
- Sealant – 1x Run 6x5 Butyl Mastic

Load Tables

Positive Imposed Load (Gravity) kN/m²

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

- Yield Stress (N/mm²) S280
- Load Factor - 1.5
- Figures shaded governed by deflection
- Fixing Checks must be considered separately
- Load Span Tables to EN 1993-1-3 (Eurocode EC3)