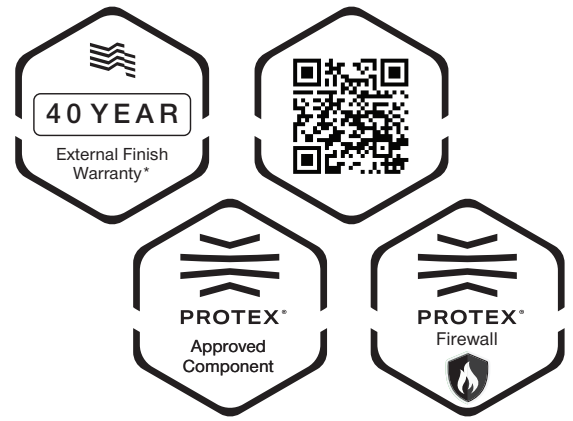
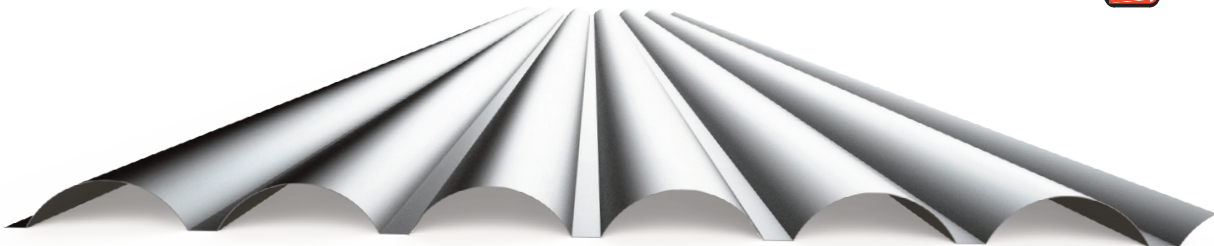


# LUNA<sup>®</sup>



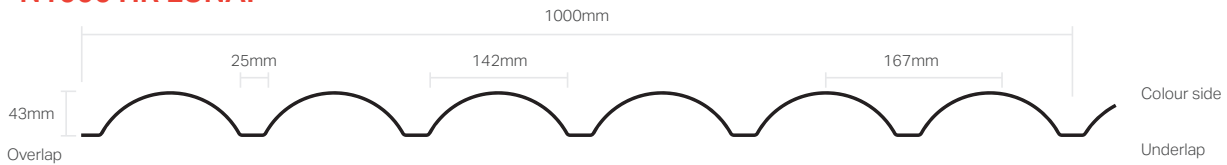
## Profile:



## Side lap detail:



## N1000 HR LUNA:



## Profile Geometry

Cover Width: 1000mm	Profile Depth: 43mm	Pitch: 167mm	Radius: 80mm	Trough Width: 25mm	Gauge: 0.7mm	Weight: 6.7kg/m <sup>2</sup>
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Profiles Manufactured in Accordance with BS EN 14782

## Product Specification:

Sheet Length

- Min Length - 1 Metres.
- Max Standard Length\*\* - 12 Metres

## External Finish:

	<u>Mission XP40<sup>®</sup></u>	<u>Mission XP40R<sup>®</sup></u>	<u>GreenCoat Pural BT</u>	<u>GreenCoat Pural BT Zero</u>
External Finish Warranty*	40 Years	40 Years	40 Years	40 Years
External Finish Thickness	200 Microns	200 Microns	50 Microns	50 Microns
Appearance	Steon <sup>®</sup>	Steon <sup>®</sup>	Slight Texture	Slight Texture
Colour Range	Solid	Solid	Solid & Metallic	Solid & Metallic
Corrosion Classification	RC5	RC5	RC5	RC5
UV Classification	RUV4	RUV4	RUV5+	RUV5+
Fire Classification	C,S2-D0	C,S2-D0	A1	A1
Low Embodied Carbon Steel	-	✓	-	✓

\* Warranty subject to application, colour and location.

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

\*\*\* Information and data are accurate at time of print and may be subject to change.

Contact our technical team to ensure you have the current version.

## Typical Fixing Detail:

### Sheet Ends

- Every Trough - Main Fix

### Intermediate Supports

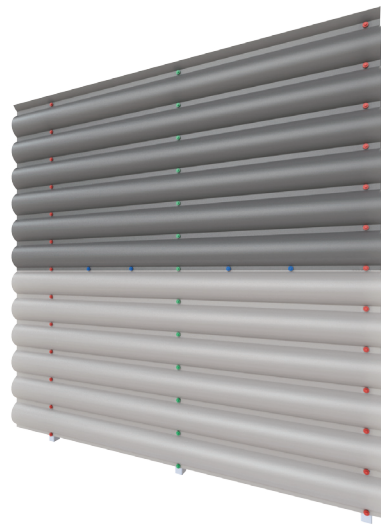
- Every Trough - Main Fix

### End Laps

- Every Trough - Main Fix

### Side Lap

- Subject to Design



## Load Tables

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

Span Type	Gauge (mm)	L/150 Span (mm)										
		1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Single Span	0.7	9.05	7.48	6.29	5.36	4.62	4.02	3.54	3.13	2.69	2.28	1.96
Double Span	0.7	8.75	7.45	6.43	5.60	4.92	4.36	3.90	3.50	3.16	2.87	2.60
Multi Span	0.7	10.59	9.04	7.81	6.82	6.00	5.33	4.76	4.28	3.87	3.51	3.21

Span Type	Gauge (mm)	L/200 Span (mm)										
		1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Single Span	0.7	9.05	7.48	6.29	5.35	4.28	3.48	2.87	2.39	2.01	1.71	1.47
Double Span	0.7	8.75	7.45	6.43	5.60	4.92	4.36	3.90	3.50	3.16	2.85	2.45
Multi Span	0.7	10.59	9.04	7.81	6.82	6.00	5.33	4.76	3.98	3.36	2.85	2.45

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

Span Type	Gauge (mm)	L/150 Span (mm)										
		1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Single Span	0.7	10.39	8.59	7.22	6.15	5.30	4.62	4.06	3.60	3.04	2.59	2.22
Double Span	0.7	7.96	6.76	5.81	5.05	4.44	3.92	3.50	3.13	2.79	2.51	2.26
Multi Span	0.7	9.66	8.22	7.08	6.17	5.42	4.80	4.28	3.84	3.47	3.13	2.83

Span Type	Gauge (mm)	L/200 Span (mm)										
		1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Single Span	0.7	10.39	8.59	7.22	6.06	4.85	3.95	3.25	2.71	2.28	1.94	1.66
Double Span	0.7	7.96	6.76	5.81	5.05	4.44	3.92	3.50	3.13	2.79	2.51	2.26
Multi Span	0.7	9.66	8.22	7.08	6.17	5.42	4.80	4.28	3.84	3.47	3.13	2.77

- Yield Stress (N/mm<sup>2</sup>) - S280
- Load Factor - 1.5
- Fixing Checks Must Be Considered Separately
- Load Span Tables to EN 1993-1-3 (Eurocode EC3)