

HSPAS 34/1000

Box Profile Metal Sheet • Forward

HORNSEY

APPLICATION

Our 34/1000 box profile metal sheet (also known as trapezoidal single skin sheeting) has a captivating appearance, comes in a variety of finishes and colours, and is cut to a length of your choice.

It has a cover width of 1000mm, in either 0.4mm, 0.5mm, 0.7mm thickness, plus 0.8mm in Corten and comes with a range of accessories.

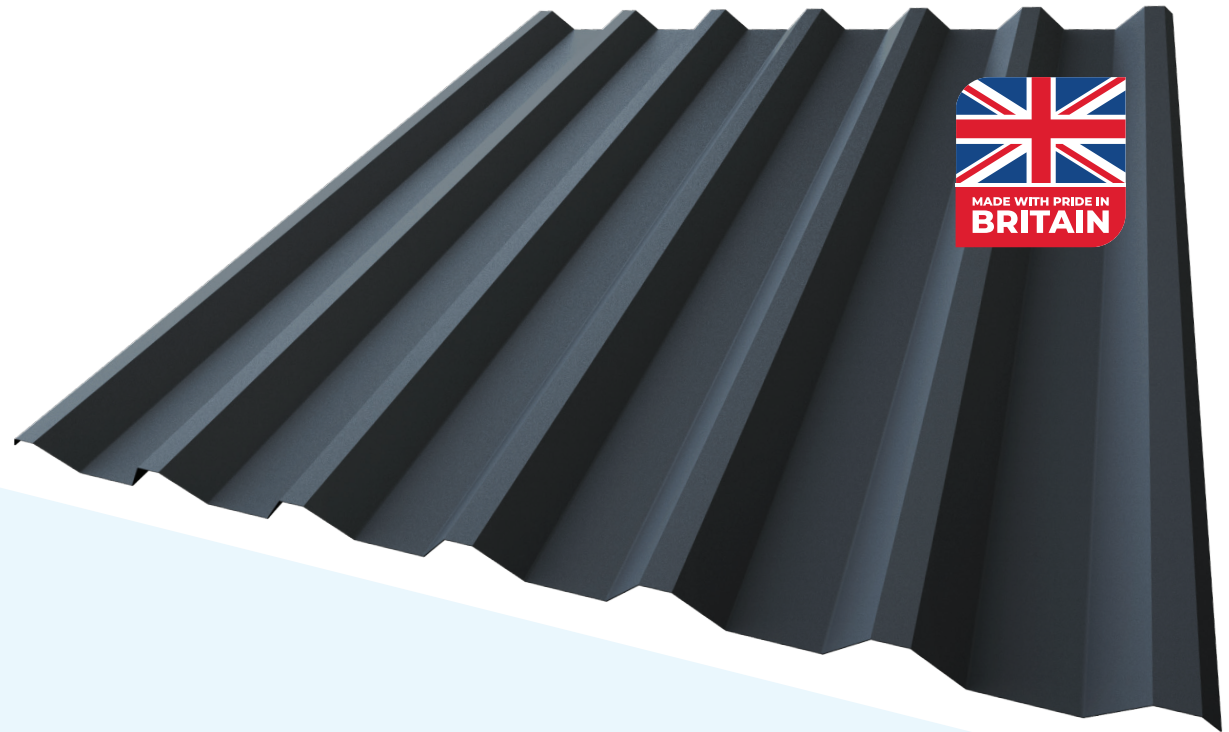
Available as:

Forward, Reverse, Poultry Lap and Walkable Liner.



KEY FACTS

Cover Width:	1000mm
Profile Height:	34mm
Profile Pitch:	166mm
Corrugations:	6 Crowns (when fitted)
Sheet Thickness:	0.4mm 0.5mm 0.7mm (0.8mm in Corten)
Custom Length:	From 500mm to 15000mm
Curving Options:	Crimp Curving Available
Available Finishes:	20/5µm Commercial Liner 20/5µm Poultry Liner 25/10µm Polyester 35/10µm Wrinkle Polyester LG200µm Standard Plastisol LG200µm Accent Plastisol PU40 Metallic Silver PP40y 200µm Plastisol Colorcoat HPS200 Ultra® Corten and Galvanised



ANTIDROP

An Antidrop membrane can be applied on the reverse of the sheet during the forming process, providing a medium for trapping moisture in pockets formed in the felt membrane. The moisture is released back into the air in the form of normal humidity as conditions go back below the dew point.



Call our team on:
01547 530419

Email: info@hspas.co.uk
Visit: hspas.co.uk

All dimensions given may be subject to a standard manufacturing tolerance of +/- 5mm

Version HSPAS34/1000 1.6 SK 05/26

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HSPAS 34/1000

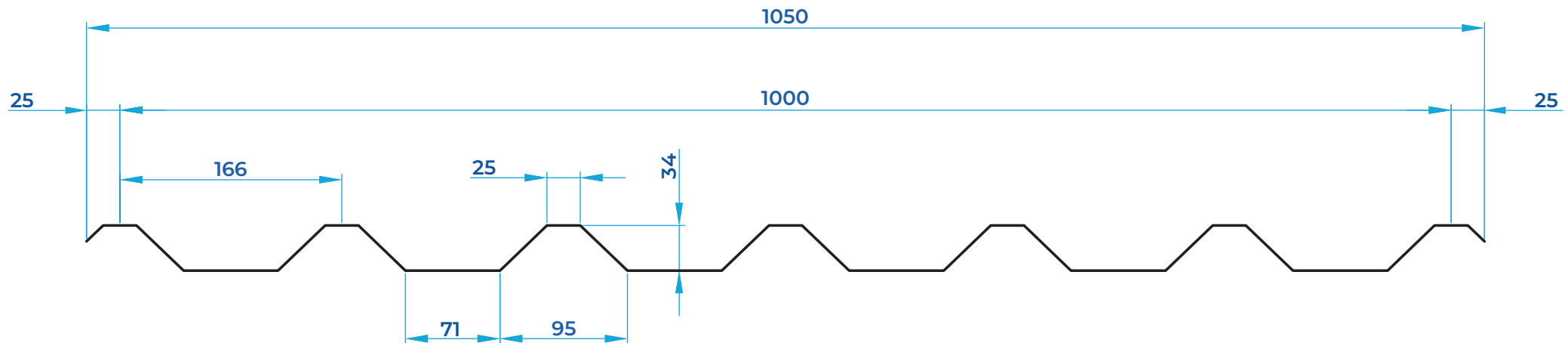
Box Profile Metal Sheet • Forward

We recommend using 0.7mm thickness for roofing and laying away from the prevailing wind to reduce water capillary action.

Direction of lay can be both ways, depending upon common wind direction.

↑
Colour side faces upwards

Minimum Roof Pitch 4 degrees.
Guidance for fixings are manufacturers recommendations only. Images and diagrams are for illustrative purposes only.



Stitch Fixing

Main Fixing

↑
Colour side faces upwards

↑
Colour side faces upwards

Main Fixing

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HSPAS 34/1000

Box Profile Metal Sheet • Reverse

HORNSEY

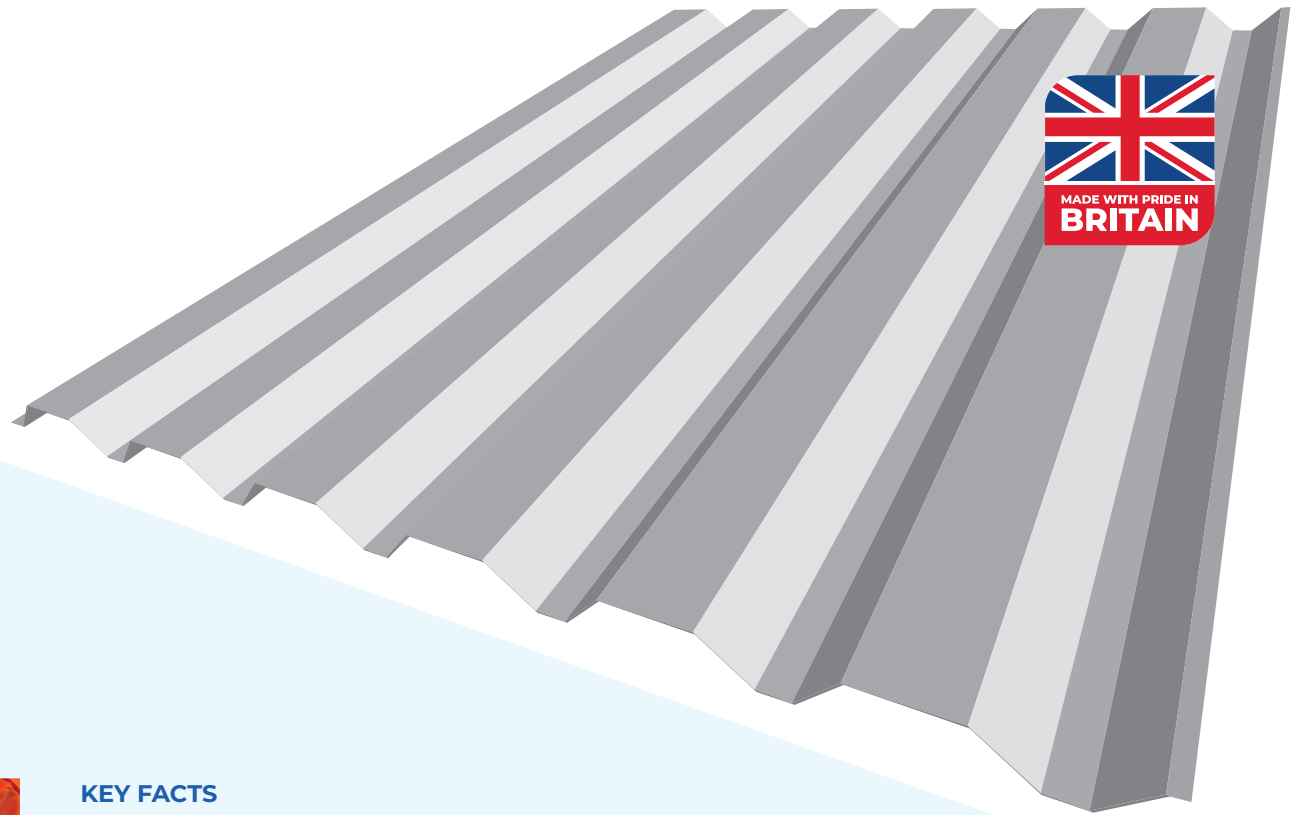
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HSPAS 34/1000

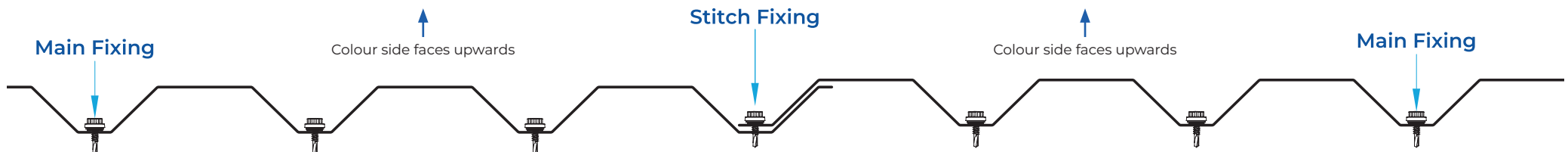
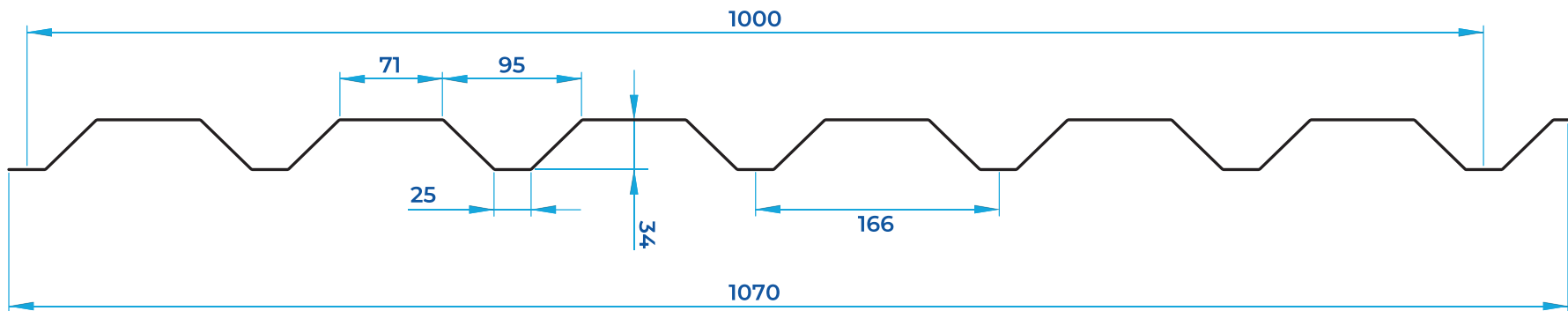
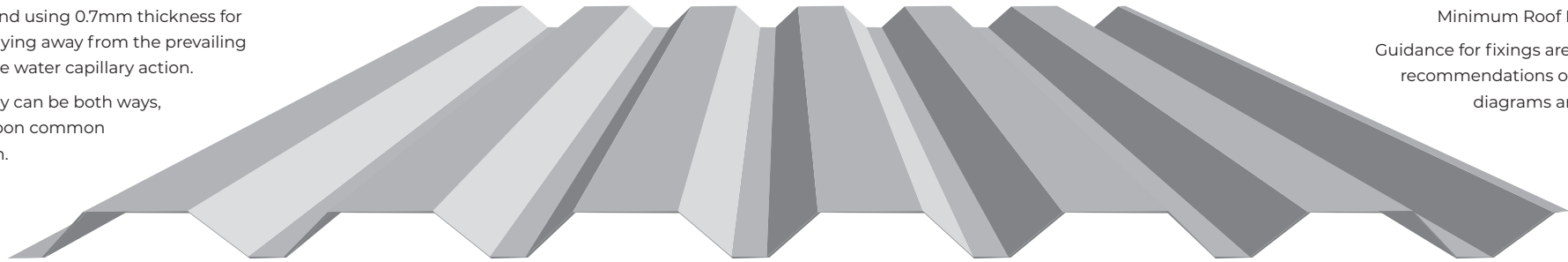
Box Profile Metal Sheet • Reverse

We recommend using 0.7mm thickness for roofing and laying away from the prevailing wind to reduce water capillary action.

Direction of lay can be both ways, depending upon common wind direction.

↑
Colour side faces upwards

Minimum Roof Pitch 4 degrees.
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All dimensions given may be subject to a standard manufacturing tolerance of +/- 5mm

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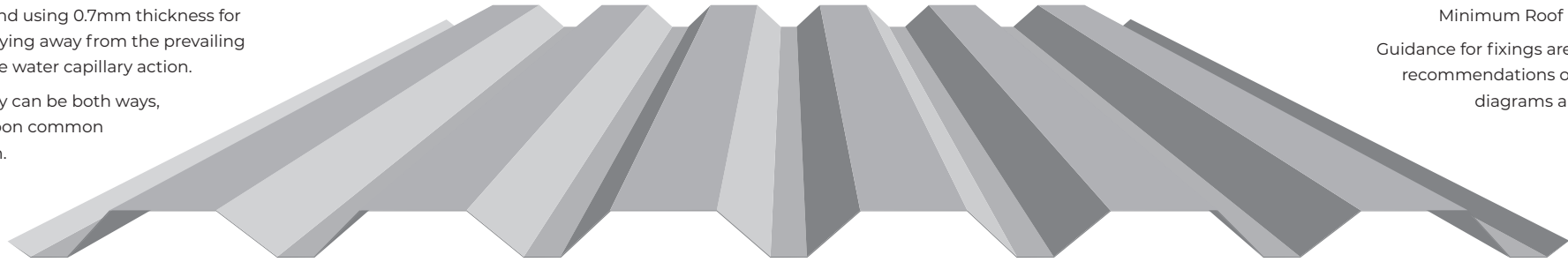
HSPAS 34/1000

Box Profile Metal Sheet • Poultry Lap

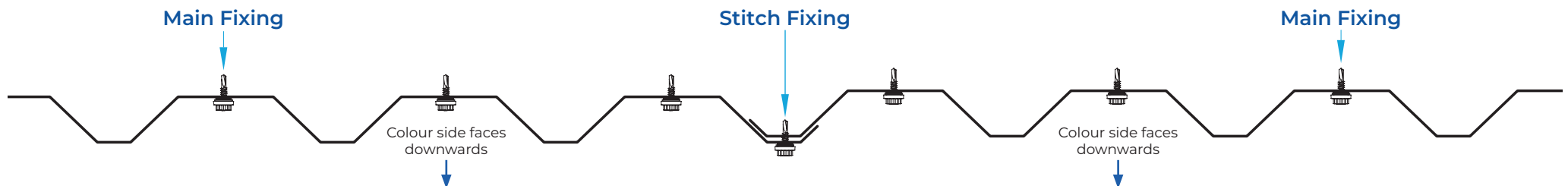
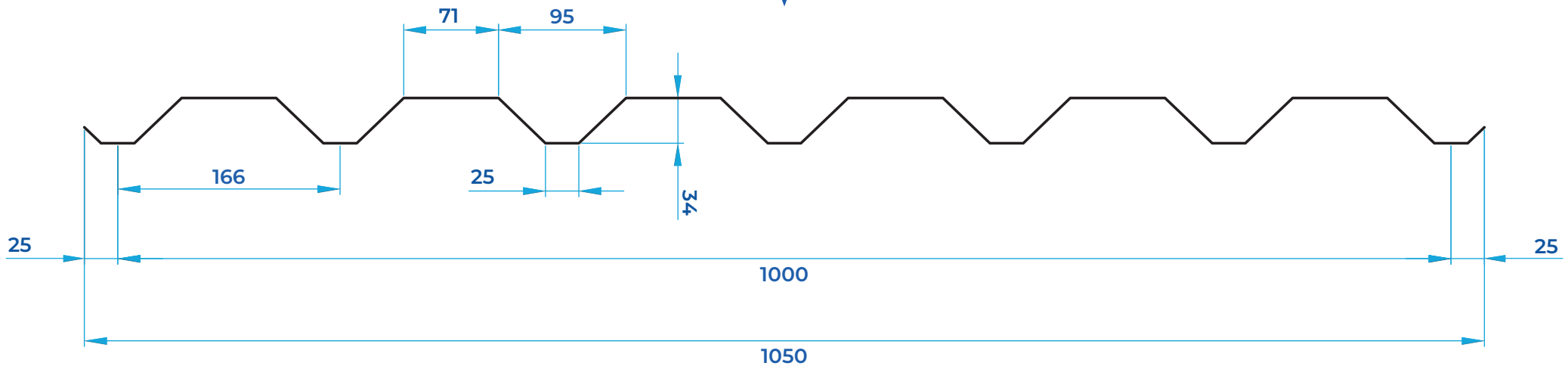
We recommend using 0.7mm thickness for roofing and laying away from the prevailing wind to reduce water capillary action.

Direction of lay can be both ways, depending upon common wind direction.

Minimum Roof Pitch 4 degrees.
Guidance for fixings are manufacturers recommendations only. Images and diagrams are for illustrative purposes only.



Colour side faces downwards



All dimensions given may be subject to a standard manufacturing tolerance of +/- 5mm

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HSPAS 34/1000

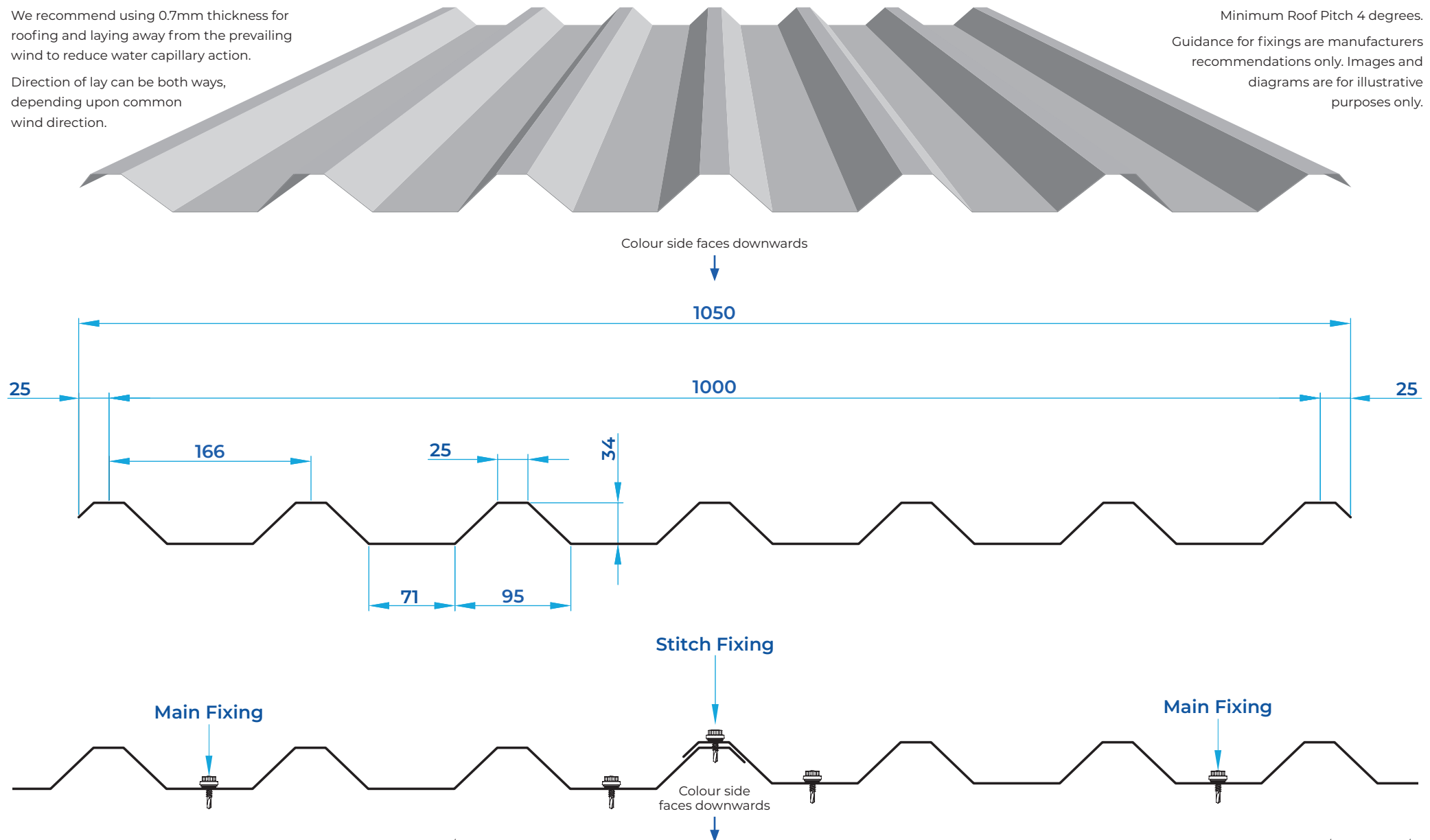
Box Profile Metal Sheet • Walkable Liner

We recommend using 0.7mm thickness for roofing and laying away from the prevailing wind to reduce water capillary action.

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Minimum Roof Pitch 4 degrees.

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All dimensions given may be subject to a standard manufacturing tolerance of +/- 5mm

Version HSPAS34/1000 1.6 SK 05/26

Colours & Finishes

Available on our profiled metal panels

A 20/5µm Commercial Liner

Available for HSPAS 20/1000 (0.4mm & 0.7mm), HSPAS 32/1000 & XP (0.4mm & 0.7mm), HSPAS 34/1000 (0.4mm & 0.7mm), and HSPAS 13.5/3" (0.4mm & 0.7mm).

B Poultry Liner

Available for HSPAS 20/1000 (0.4mm), HSPAS 32/1000 + XP (0.4mm), and HSPAS 34/1000 (0.4mm).

C 25/10µm Polyester

Available for HSPAS 32/1000 + XP (0.5mm & 0.7mm), HSPAS 32/1000 Box Tile (0.5mm), HSPAS 33/1000 Pan Tile (0.5mm & 0.7mm), HSPAS 34/1000 (0.5mm & 0.7mm) and HSPAS 13.5/3" (0.5mm & 0.7mm).

D 35/10µm Wrinkle Polyester

Available for HSPAS 32/1000 + XP (0.5mm & 0.7mm), HSPAS 32/1000 Box Tile (0.5mm), HSPAS 33/1000 Pan Tile (0.5mm & 0.7mm), HSPAS 34/1000 (0.5mm & 0.7mm) and HSPAS 13.5/3" (0.5mm & 0.7mm).

E LG200µm Standard Plastisol

Available for HSPAS 32/1000 & XP (0.5mm & 0.7mm), HSPAS 32/1000 Box Tile (0.5mm), HSPAS 33/1000 Pan Tile (0.5mm & 0.7mm), HSPAS 34/1000 (0.5mm & 0.7mm), HSPAS 34/667 (0.7mm), HSPAS 10/3" (Only available in 0.7mm Juniper Green & Jet Black) and HSPAS 13.5/3" (0.5mm & 0.7mm).

F LG200µm Accent Plastisol

Available for HSPAS 32/1000 & XP (0.7mm), HSPAS 33/1000 Pan Tile (0.7mm), HSPAS 34/1000 (0.7mm) and HSPAS 13.5/3" (0.7mm).

G PP40y 200µm Goosewing Grey

Available for HSPAS 32/1000 & XP (0.7mm), HSPAS 34/1000 (0.7mm), HSPAS 33/1000 Pan Tile (0.7mm) and HSPAS 13.5/3" (0.7mm).

H Premium PU40 Metallic Silver

Available for HSPAS 32/1000 & XP (0.7mm), HSPAS 33/1000 Pan Tile (0.7mm), HSPAS 34/1000 (0.7mm) and HSPAS 13.5/3" (0.7mm).

I Galvanised - Mill Finish

Available for all profiles in 0.5mm & 0.7mm except: HSPAS 20/1000.

J Corten - Mill Finish

Available for all profiles in 0.8mm except: HSPAS 20/1000, HSPAS 32/1000 Box Tile, HSPAS 33/1000 Pan Tile, HSPAS 34/667, HSPAS 8/3" and HSPAS 10/3".

Colorcoat HPS200 Ultra® by Tata Steel is available on special order, there may be a slightly increased lead time. Colorcoat® and Colorcoat HPS200 Ultra® are trademarks of Tata Steel UK.

The BS (British Standard) and RAL colour codes are the closest colours and are not an exact match to the actual product itself.

The colours shown here are for guidance only, for an accurate representation please contact us for a physical sample.

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	Galvanised I	Corten (Weathered) J	Bright White BS 00E55 RAL 9003 A B	Pure White BS 10A01 RAL 9010 C E
Silver BS 00E55 RAL 9006 H	Goosewing Grey BS 10A05 RAL 7038 B C E G	Mushroom BS 10B19 RAL 080 70 10 F	Navy Blue BS 7086 RAL 5003 F	Slate Blue BS 18B29 RAL 6008 C E
Ivory BS 00A01 RAL 9002 F	Anthracite Grey BS 9098 RAL 7016 C D E	Cornflower Blue BS 18E53 RAL 240 40 40 F	Wedgewood Blue BS 18C37 RAL 220 50 15 F	Poppy Red BS 04E53 RAL 2002 F
Jet Black BS 00E53 RAL 9005 C D E	Merlin Grey BS 18B25 RAL 180 40 05 C E	Pigeon Grey BS 18B17 RAL 7035 F	Ocean Blue BS 18C39 RAL 220 30 25 F	Terracotta Red BS 04C39 RAL 040 40 40 E
Juniper Green BS 12B29 RAL 140 20 10 C D E	Olive Green BS 12B27 RAL 100 30 20 C E	Moorland Green BS 12B21 RAL 100 80 20 E	Forest Green BS 225 RAL 6002 F	Vandyke Brown BS 08B29 RAL 8014 E

Product Weight

Per linear metre for all our profiled metal sheets

Profile	A	B	C	D	E	F	G	H	I	J		
	20/5µm Commercial Liner	25/10µm Poultry Liner	25/10µm Polyester	35/10µp Wrinkle Polyester	LG200µm Standard Plastisol	LG200µm Accent Plastisol	PP40y 200µm Plastisol	Premium PU40y Metallic Silver	Galvanised Z140g	Galvanised Z275g	Corten	HPS200µm Plastisol
HSPAS 20/1000 0.4mm Box	3.47kg	3.47kg	-	-	-	-	-	-	-	-	-	-
HSPAS 20/1000 0.7mm Box	5.62kg	-	-	-	-	-	-	-	-	-	-	-
HSPAS 32/1000XP 0.4mm Box	3.83kg	3.83kg	-	-	-	-	-	-	-	-	-	-
HSPAS 32/1000XP 0.5mm Box	-	-	4.42kg	4.42kg	4.50kg	-	-	-	4.71kg	-	-	-
HSPAS 32/1000XP 0.7mm Box	6.21kg	-	6.21kg	6.21kg	6.40kg	6.40kg	6.70kg	6.70kg	6.37kg	6.37kg	-	6.70kg
HSPAS 32/1000XP 0.8mm Box	-	-	-	-	-	-	-	-	-	-	7.66kg	-
HSPAS 32/1000 0.4mm Box	3.83kg	3.83kg	-	-	-	-	-	-	-	-	-	-
HSPAS 32/1000 0.5mm Box	-	-	4.42kg	4.42kg	4.50kg	-	-	-	4.71kg	-	-	-
HSPAS 32/1000 0.7mm Box	6.21kg	-	6.21kg	6.21kg	6.40kg	6.40kg	6.70kg	6.70kg	6.37kg	6.37kg	-	6.70kg
HSPAS 32/1000 0.5mm Box Tile	-	-	4.42kg	4.42kg	4.50kg	-	-	-	4.71kg	-	-	-
HSPAS 32/1000 0.8mm Box	-	-	-	-	-	-	-	-	-	-	7.66kg	-
HSPAS 33/1000 0.5mm Pan Tile	-	-	4.42kg	4.42kg	4.50kg	-	-	-	4.71kg	-	-	-
HSPAS 33/1000 0.7mm Pan Tile	-	-	6.21kg	6.21kg	6.40kg	6.40kg	6.70kg	6.70kg	6.37kg	6.37kg	-	6.70kg
HSPAS 34/1000 0.4mm Box	3.83kg	3.83kg	-	-	-	-	-	-	-	-	-	-
HSPAS 34/1000 0.5mm Box	-	-	4.42kg	4.42kg	4.50kg	-	-	-	4.71kg	-	-	-
HSPAS 34/1000 0.7mm Box	6.21kg	-	6.21kg	6.21kg	6.40kg	6.40kg	6.70kg	6.70kg	6.37kg	6.37kg	-	6.70kg
HSPAS 34/1000 0.8mm Box	-	-	-	-	-	-	-	-	-	-	7.66kg	-
HSPAS 34/667 0.5mm Box	-	-	-	-	-	-	-	-	2.78kg	-	-	-
HSPAS 34/667 0.7mm Box	-	-	-	-	4.75kg	-	-	-	3.76kg	3.76kg	-	-
HSPAS 8/3" 0.5mm Corrugated	-	-	-	-	-	-	-	-	2.78kg	-	-	-
HSPAS 10/3" 0.5mm Corrugated	-	-	-	-	-	-	-	-	3.41kg	-	-	-
HSPAS 10/3" 0.7mm Corrugated	-	-	-	-	*4.75kg	-	-	-	4.62kg	4.62kg	-	-
HSPAS 13.5/3" 0.4mm Corrugated	3.83kg	-	-	-	-	-	-	-	-	-	-	-
HSPAS 13.5/3" 0.5mm Corrugated	-	-	4.42kg	4.42kg	4.50kg	-	-	-	4.71kg	-	-	-
HSPAS 13.5/3" 0.7mm Corrugated	6.21kg	-	6.21kg	6.21kg	6.40kg	6.40kg	6.70kg	6.70kg	6.37kg	6.37kg	-	6.70kg
HSPAS 13.5/3" 0.8mm Corrugated	-	-	-	-	-	-	-	-	-	-	7.66kg	-

* HSPAS 10/3" 0.7mm Corrugated in LG200µm Standard Plastisol is only available in Juniper Green and Jet Black.

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Version HSPAS34/1000 1.6 SK 05/26

HSPAS 34/1000

Box Profile Metal Sheet

LOAD SPAN TABLES

Based on use in a roof application, the loads are given in kN/m².

HSPAS 34/1000 0.5mm • Summary of Limiting Values (kN/m ²) • Gravity																	
Span	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
Single	3.26	2.78	2.40	2.09	1.74	1.45	1.22	1.04	0.89	0.77	0.67	0.58	0.51	0.45	0.40	0.36	0.32
Double	2.21	1.95	1.73	1.55	1.39	1.26	1.14	1.04	0.96	0.88	0.81	0.75	0.70	0.65	0.61	0.57	0.53
Multi	2.65	2.34	2.08	1.86	1.68	1.52	1.38	1.27	1.16	1.07	0.99	0.92	0.85	0.76	0.67	0.60	0.54

HSPAS 34/1000 0.5mm • Summary of Limiting Values (kN/m ²) • Uplift																	
Span	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
Single	3.06	2.60	2.25	1.96	1.72	1.52	1.36	1.22	1.10	1.00	0.91	0.83	0.76	0.70	0.65	0.60	0.56
Double	2.30	2.02	1.80	1.61	1.45	1.31	1.19	1.09	1.00	0.92	0.85	0.79	0.73	0.68	0.64	0.60	0.56
Multi	2.75	2.43	2.16	1.94	1.75	1.58	1.44	1.32	1.21	1.12	1.03	0.96	0.89	0.83	0.78	0.73	0.69

HSPAS 34/1000 0.7mm • Summary of Limiting Values (kN/m ²) • Gravity																	
Span	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
Single	5.14	4.38	3.78	3.17	2.61	2.18	1.84	1.56	1.34	1.16	1.01	0.88	0.77	0.69	0.61	0.54	0.49
Double	3.68	3.23	2.86	2.54	2.28	2.06	1.87	1.70	1.55	1.43	1.32	1.22	1.13	1.05	0.98	0.91	0.81
Multi	4.44	3.90	3.46	3.08	2.77	2.50	2.27	2.07	1.89	1.74	1.61	1.47	1.29	1.14	1.02	0.91	0.81

HSPAS 13.5/3" 0.7mm • Summary of Limiting Values (kN/m ²) • Uplift																	
Span	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
Single	4.65	3.97	3.42	2.98	2.62	2.32	2.07	1.86	1.68	1.52	1.38	1.27	1.16	1.07	0.99	0.92	0.85
Double	3.92	3.44	3.05	2.72	2.44	2.21	2.00	1.83	1.67	1.54	1.42	1.31	1.22	1.13	1.06	0.99	0.93
Multi	4.72	4.15	3.68	3.29	2.96	2.68	2.43	2.22	2.03	1.87	1.73	1.60	1.49	1.38	1.29	1.21	1.13