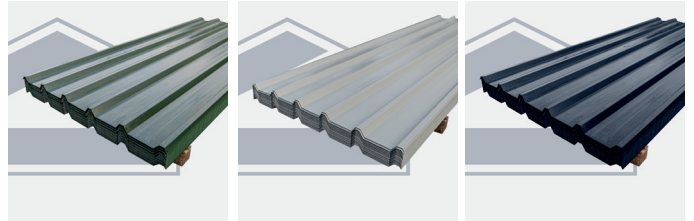


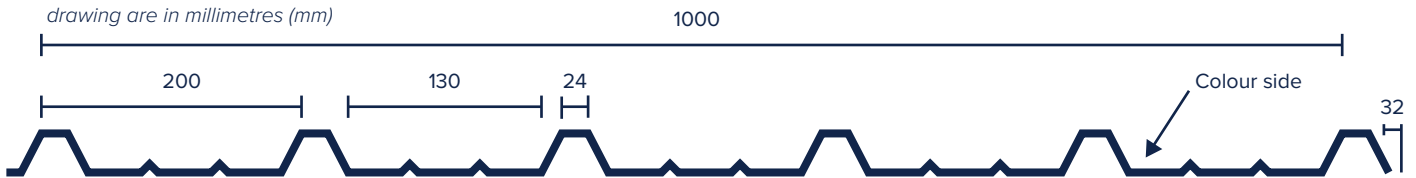
Briarwood's 32/1000 is an extremely versatile profile that can be used in a wide variety of applications. It makes a very robust roofing sheet and can be produced in forward or reverse profile to create attractive vertical elevations. It can also be used as a lining sheet in twin skin insulated systems and as a roof liner in 0.7mm.

Our 32/1000 Box Profile Metal Roofing Sheet is our most popular profile, particularly in the industrial sector and is available on a fast turnaround in a wide range of colours and finishes. It is also the profile that we have utilised to create our Highlight ventilated wall cladding for agricultural buildings.



## TECHNICAL DRAWING

All measurements in this technical drawing are in millimetres (mm)



## SIZES

At Briarwood, we sell a collection of metal profiled sheets available, however if we do not have the size you are requiring for your project, then we will be able to provide you with a specialist quotation to best suit your projects needs.

Sheet Length	Sheet Weight	Measurements (units)		
		ft	in	m
2440 mm	14.396 kg	8	96	2.44
3050 mm	17.995 kg	10	120	3.05
3660 mm	21.594 kg	12	144	3.66
4570 mm	26.963 kg	15	180	4.57

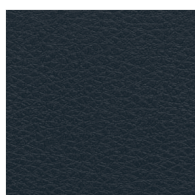
## COLOURS AND FINISHES

Colour options help new buildings fit seamlessly with the landscape and assist with planning approvals.

### FINISHES



**POLYESTER FINISH**



**PVC PLASTISOL**



**GALVANISED FINISH**

(BESPOKE ORDERS ONLY)

### STANDARD COLOURS



**JUNIPER GREEN**



**SLATE BLUE**



**GOOSEWING GREY**

## FIRE RATING

All of our Metal Profiled Sheet Panels achieve Class 1 surface spread of flame to BS 476-7:1997, equivalent to Class 0.

## SPECIFICATIONS

<b>Applications</b>	Suitable for both roofing and cladding (wall) applications
<b>External Finish (outside)</b>	Polyester or PVC Plastisol
<b>Internal Finish (underside)</b>	Off-white/light grey Polyester finish
<b>Profile Height</b>	32 mm
<b>Pitch Centres</b>	200 mm
<b>Standard Width</b>	1000mm when lapped
<b>Standard Max Length</b>	4570mm
<b>Bespoke Max Length</b>	Up to 10000 mm in 0.5 and 0.7 mm Sheet Thickness
<b>Minimum Roof Pitch</b>	4 degrees
<b>Gauge Thickness</b>	0.5 or 0.7 mm (depending on what Sheet Thickness is chosen)
<b>Sheet Thickness</b>	0.5 or 0.7 mm (depending on product chosen)

## PERMISSABLE LOADS

*Wind Suction (kN/m<sup>2</sup>) with Deflection limit L/90*

Sheet Thickness	Weight kg/m <sup>2</sup>	Span Condition	Span (mm)						
			1.2	1.3	1.4	1.5	1.6	1.7	1.8
0.5 mm	4.57	Single	2.38	2.03	1.75	1.52	1.34	1.19	1.06
		Double	1.42	1.26	1.13	1.01	0.92	0.83	0.76
		Multi	1.69	1.5	1.35	1.21	1.10	1.00	0.92
0.7 mm	6.49	Single	3.61	3.07	2.65	2.31	2.03	1.80	1.60
		Double	2.62	2.31	2.05	1.83	1.65	1.49	1.36
		Multi	3.14	2.77	2.47	2.21	1.99	1.81	1.64

*Imposed Load (kN/m<sup>2</sup>) with Deflection Limit L/200*

Sheet Thickness	Weight kg/m <sup>2</sup>	Span Condition	Span (mm)						
			1.2	1.3	1.4	1.5	1.6	1.7	1.8
0.5 mm	4.57	Single	2.32	1.98	1.71	1.49	1.31	1.13	0.95
		Double	1.44	1.28	1.14	1.03	0.93	0.85	0.77
		Multi	1.71	1.52	1.36	1.23	1.11	1.01	0.93
0.7 mm	6.49	Single	3.68	3.14	2.70	2.36	2.06	1.72	1.45
		Double	2.59	2.28	2.03	1.81	1.63	1.47	1.34
		Multi	3.10	2.74	2.44	2.18	1.97	1.78	1.62

*Drifting Snow Load (kN/m<sup>2</sup>)*

Sheet Thickness	Weight kg/m <sup>2</sup>	Span Condition	Span (mm)						
			1.2	1.3	1.4	1.5	1.6	1.7	1.8
0.5 mm	4.57	Single	3.48	2.97	2.56	2.23	1.96	1.74	1.55
		Double	2.16	1.92	1.71	1.54	1.40	1.27	1.16
		Multi	2.57	2.28	2.05	1.84	1.67	1.52	1.39
0.7 mm	6.49	Single	5.52	4.71	4.06	3.53	3.11	2.75	2.45
		Double	3.88	3.42	3.04	2.72	2.44	2.21	2.01
		Multi	4.66	4.11	3.66	3.27	2.95	2.67	2.43