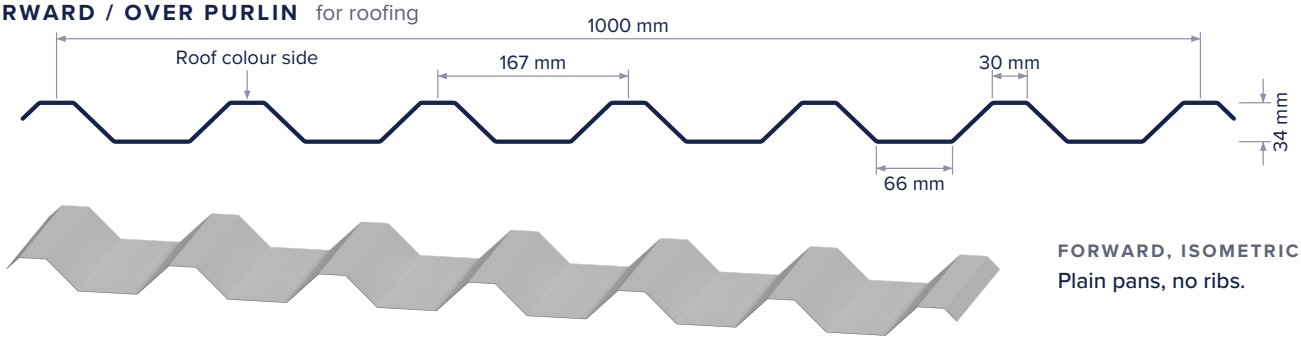
34/1000 BOX PROFILE TECHNICAL DATASHEET

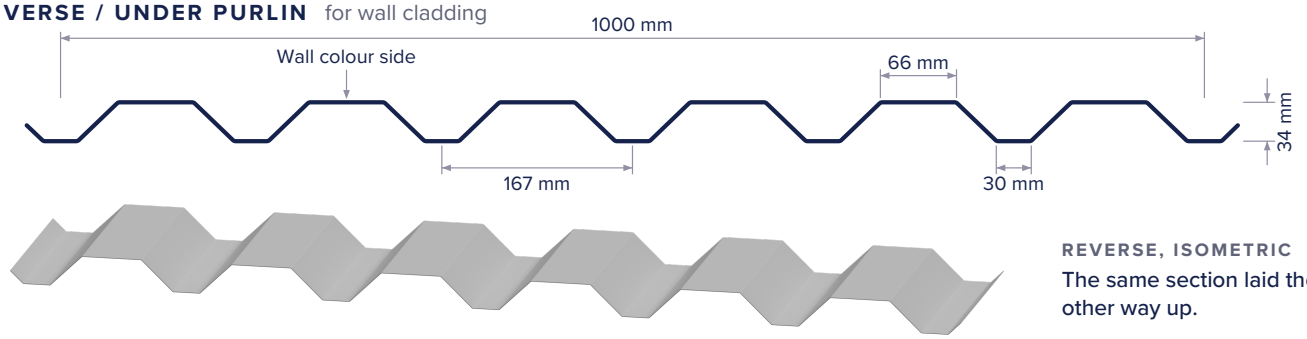
NO RIBS · FORWARD AND REVERSE

FORWARD / OVER PURLIN for roofing



FORWARD, ISOMETRIC
Plain pans, no ribs.

REVERSE / UNDER PURLIN for wall cladding



REVERSE, ISOMETRIC
The same section laid the other way up.

SPECIFICATION

34/1000 · no ribs

Cover width	1000 mm
Crown pitch	167 mm
Profile height	34 mm
Pan stiffening	None — plain pans, no ribs
Gauge	0.5 mm and 0.7 mm
Weight	4.84 kg/m² at 0.5 mm; 6.78 kg/m² at 0.7 mm
Lengths	500 mm minimum; 8,000 mm standard maximum; 15,000 mm non-standard maximum by arrangement Cut to length. Sold per linear metre.
Side lap	One full corrugation
End lap	150 mm minimum, on a purlin
Substrate	S220GD + Z225 or AZ150
Product standard	BS EN 14782:2006 — UK Declaration of Performance 34-1000_002-2026

DECLARED PERFORMANCE

BS EN 14782:2006

External fire performance	Broof t4, roof and wall
Reaction to fire	C-s3, d0, roof and wall
Resistance to concentrated force	No performance declared
Water permeability	No performance declared
Dimensional change	No performance declared
Release of regulated substances	No performance declared
Durability	No performance declared

Declared on UK Declaration of Performance 34-1000_002-2026 (AVCP System 4), for both gauges and both configurations. The Declaration governs.

PERMISSIBLE LOADS

Deflection limit L/200. Permissible working positive (downward) uniformly distributed load in kN/m². Column headings are the purlin span.

FORWARD · OVER PURLIN · SINGLE SPAN

Purlin span, m	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60
0.5 mm	6.71	5.53	4.26	3.35	2.68	2.18	1.80	1.50	1.26	1.07	0.92	0.80	0.69	0.61	0.53	0.47	0.42
0.7 mm	10.99	8.35	6.43	5.06	4.05	3.29	2.71	2.26	1.91	1.62	1.39	1.20	1.04	0.91	0.80	0.71	0.63

REVERSE · UNDER PURLIN · SINGLE SPAN

Purlin span, m	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60
0.5 mm	5.83	4.38	3.37	2.65	2.12	1.73	1.42	1.19	1.00	0.85	0.73	0.63	0.55	0.48	0.42	0.37	0.33
0.7 mm	8.96	6.73	5.18	4.08	3.26	2.65	2.19	1.82	1.54	1.31	1.12	0.97	0.84	0.74	0.65	0.57	0.51

Positive (downward) loads only: no wind suction figure is published. Single span only. Nothing is published outside 1.00 to 2.60 m; do not extrapolate. Load factor, support width and steel grade are for the project engineer to state. Use the table for the way the sheet is laid: Forward (over purlin) or Reverse (under purlin).

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Approved by