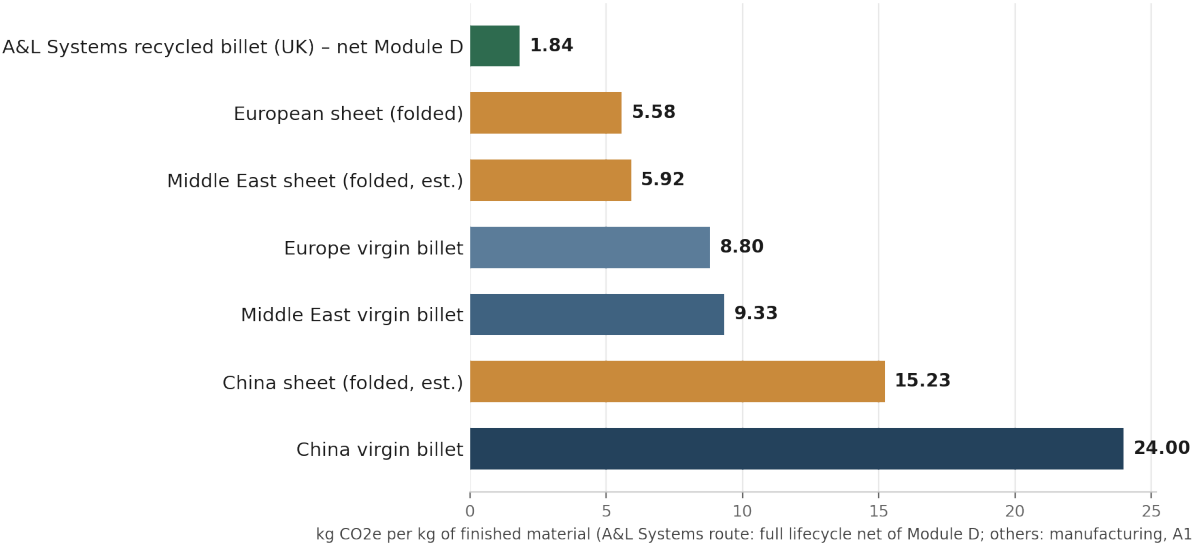


Carbon Footprint Comparison: Seam & Reveal Channels

Manufacturing CO2 by material route, across all standard face widths (100–300mm) — based on verified billet EPD data, IAI regional data, and published sheet EPDs.

Our UK-manufactured Seam and Reveal channels, made from recycled billet, cut CO2 by up to 13.0x versus channels made from virgin Chinese billet, and by 4.8x versus virgin European billet — on a full lifecycle basis, net of the end-of-life recycling credit (Module D).



SEAM CHANNEL — CO2 PER LINEAR METRE (KG CO2E/M) BY FACE WIDTH

Material / process route	100mm	125mm	150mm	200mm	300mm
A&L Systems recycled billet (UK) - net Module D	2.79	3.14	3.49	4.18	5.58
European sheet (folded)	6.83	7.68	8.54	10.24	13.66
Middle East sheet (folded, est.)	7.19	8.09	8.99	10.79	14.39
Europe virgin billet	10.30	11.59	12.88	15.45	20.60
Middle East virgin billet	10.88	12.24	13.60	16.32	21.76
China sheet (folded, est.)	17.24	19.40	21.56	25.87	34.49
China virgin billet	26.72	30.06	33.40	40.08	53.44

REVEAL CHANNEL — CO2 PER LINEAR METRE (KG CO2E/M) BY FACE WIDTH

Material / process route	100mm	125mm	150mm	200mm	300mm
A&L Systems recycled billet (UK) - net Module D	5.58	5.93	6.28	6.97	8.37
European sheet (folded)	13.66	14.51	15.36	17.07	20.48
Middle East sheet (folded, est.)	14.39	15.29	16.19	17.98	21.58
Europe virgin billet	20.60	21.89	23.18	25.75	30.91
Middle East virgin billet	21.76	23.12	24.48	27.20	32.63
China sheet (folded, est.)	34.49	36.64	38.80	43.11	51.73
China virgin billet	53.44	56.78	60.12	66.80	80.15

"A&L Systems recycled billet (UK)" is presented net of Module D (the end-of-life recycling credit): full lifecycle CO2 = extrusion-inclusive manufacturing (A1-A3) + transport (A4) + end-of-life (C1-C4) – Module D credit, based on our billet's verified EPD. All other routes are shown gross (manufacturing only, cradle-to-gate), as no comparable Module D / end-of-life data exists for those regions or for the folded sheet routes — so those figures are not on an identical basis to the A&L Systems figure. Figures include powder coating; they exclude installation, use, and (other than for A&L Systems) end-of-life stages. Regional virgin billet figures are approximate (IAI / industry sustainability reporting). Middle East and China sheet figures are estimated by scaling the regional virgin billet CO2 using the European sheet-to-billet ratio, as no published regional sheet EPD exists. Full assumptions, sources and calculations are available in the supporting workbook.