

STANDING SEAM

ARCHITECTURAL CLADDING

OVERVIEW

One of the oldest and most recognisable systems, Standing Seam has gained popularity by offering projects a traditional and refined aesthetic; capable of achieving even the most intricate designs.

- Iconic sheet metal cladding profile
- Suitable for roof and wall cladding
- Multiple laying pattern options
- Concealed fixing system
- Structured architectural lines

MATERIALS

Brands: Aurubis / COLORBOND® / eZinc / GALVABOND®
RheinZink® / Vestis / VMZINC / ZINCALUME® / zintek®

Metals: Aluminium / Brass / Copper / Corten
Weathering Steel / Galvanised Steel / Stainless Steel
Steel / Titanium / Zinc

PRODUCT SPECS

- 25 mm or 38 mm standard rib heights
- 180 mm to 530 mm pan widths, rib to rib (material dependant)
- Up to 9000 mm long panels (material dependant)
- Concealed fixing with countersunk screws and approved clips
- Horizontal, vertical and diagonal laying patterns
- Custom curved options
- 15 mm construction grade substructure for wall cladding
- 17 mm construction grade substructure for roof cladding
- For fire rated/BAL applications, consult Sustainable Cladding and Roofing; a fireproof substrate will be required.

ADVANTAGES

- Suitable for commercial and residential projects
- Enhanced shadow line and custom rib heights
- Standard pan widths of 230 mm, 330 mm, 530 mm (for all materials, excluding zinc)
- Standard zinc pan widths of 260 mm and 430 mm
- Custom pan widths available for design individuality
- Easily combine fixed widths or random panel patterns within the same facade
- Ability to curve and/or taper panels
- Clean corner details, with no need for flashings or cover plates
- Superior wind loading capacity (Double Lock Standing Seam required for high wind applications)
- Low risk water penetration (with the option of Double Lock Standing Seam for advanced waterproofing)
- Minimal maintenance compared to other cladding materials, such as rendered brick and timber
- High-end architectural appearance with no visible fixings
- Panels allow for material expansion and contraction and building breathability

INSTALLATION

Sustainable Cladding and Roofing recommends all profiles be installed by a qualified and experienced cladding installer. All complimentary flashings and cappings are available from Sustainable Cladding and Roofing, via sister company, ProFold Roofing & Cladding Supplies Pty Ltd.

All Standing Seam applications must use a construction grade substrate. When working with zinc, on wall cladding applications a 20 mm continuous ventilation gap beneath the substrate, and a 40 mm gap on roof installations, must be allocated (note this is for zinc only). The substrate should be wrapped in a moisture proof membrane before panels are laid. Approved stainless steel clips must be used to fix each panel over the membraned substrate, in conjunction with countersunk screws. The seam between each panel must be closed using appropriate hand operated seaming tools. Every project is different, for detailed installation instructions and expert advice, please contact Sustainable Cladding and Roofing directly.



LIMITATIONS

- Different materials allow for different panel widths and lengths. Speak with Sustainable Cladding and Roofing to confirm your material's capability and recommended pan widths for minimal wastage.
- If your project requires material sizes outside the dimensions noted in this document, enquire about Metal Cladding Systems' on-site fabrication.
- Double Lock Standing Seam offers significant wind and water durability. However all high-rise applications, extreme wind load, and water penetration requirements, must be discussed with Sustainable Cladding and Roofing prior to specification and installation.
- If you're thinking of using Standing Seam in a non-standard application, confirm your design with Sustainable Cladding and Roofing, to ensure all elements are feasible.

