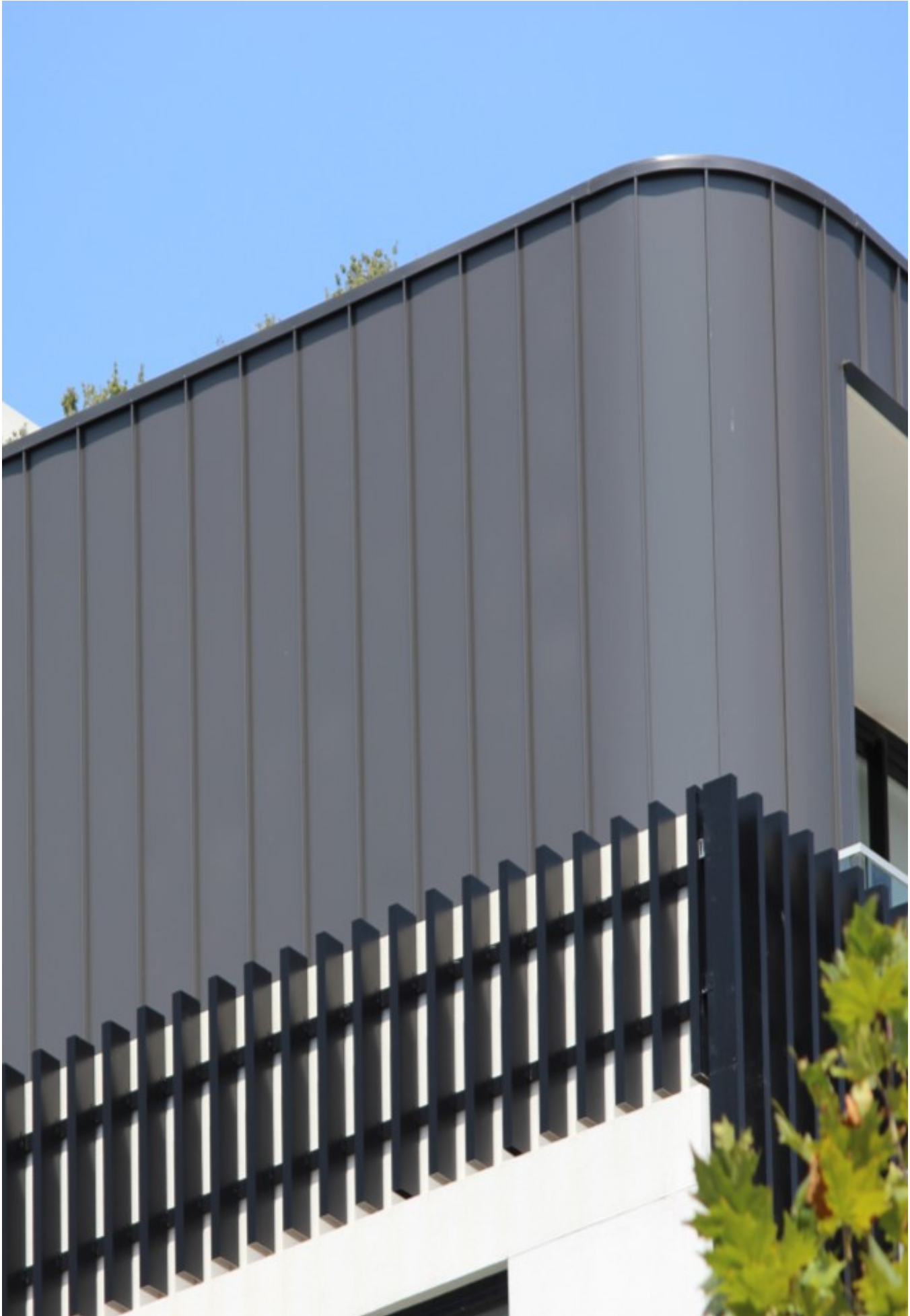


All Metal

allmetalroofing.com.au

All Metal Standing Seam - Data Sheet

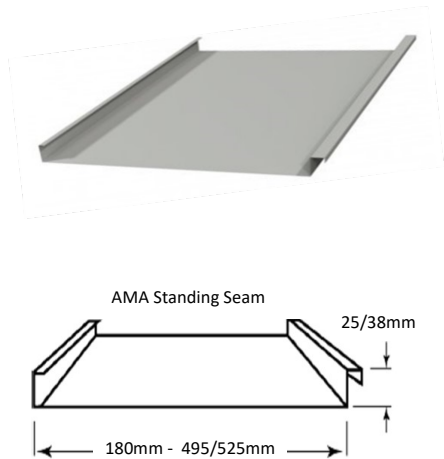


ALL METAL ARCHITECTURAL PANELS

All Metal Standing Seam - Data Sheet

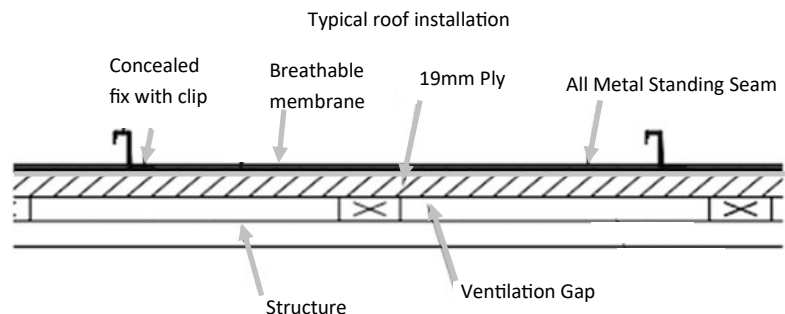
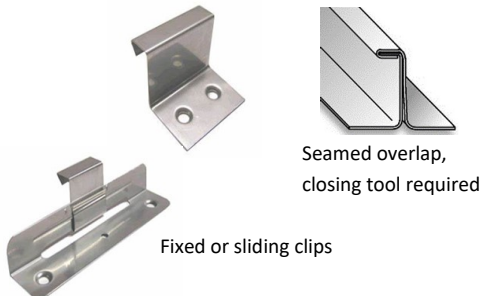
The All Metal Standing Seam has the familiar and traditional ribbed profile. Standing Seam is often used for complex designs where the ability to curve and taper make this product a versatile choice for roofing and walling.

| | | | | |
|------------------------|---|-------|---------------|-------|
| Rib Height | 25mm | | 38mm | |
| Standard Panel Width | 325mm | 525mm | 295mm | 495mm |
| Custom Panel Width | 180mm - 525mm | | 180mm - 495mm | |
| Roof Pitch | Recommended minimum 3° | | | |
| Base Metal Thickness | 0.55mm, 0.70mm, 0.80mm BMT | | | |
| Panel Length | Up to 8m (longer lengths available on request) | | | |
| Fixing Screws, typical | Steel 10 - 16 X 16 Wafer Head Tek Timber 10 - 12 X 25 Wafer Head type 17 | | | |
| Fixing Clips | Fixed or sliding clips are available with or without countersunk fixing holes, choose 25mm or 38mm high to suit rib height, sliding clips will allow for additional thermal movement. | | | |
| Finishes | Colorbond®, Colorbond® Matt, Colorbond® Metallic, Colorbond® Ultra, UniCote® Lux, Magnaflow®, Zinalume®, Galvanised, Aluminium, Custom Colours are available, (MOQ and extended lead times apply) | | | |



Installation

Panels can be installed vertically, horizontally, or diagonally. All Metal Standing Seam is installed over a construction grade substrate. For roofing, 19mm ply is recommended. A breathable waterproof membrane (e.g. Enviroseal™ HTS) is placed in-between the All Metal Standing Seam and the substrate. When used on wall installations, All Metal Standing Seam can be fixed directly to timber or metal battens. (for fixing aluminium, a separation tape can be used to prevent contact with dissimilar metals) After ensuring that the substrate is level, a fixing clip is positioned over the male rib and screwed to the substrate. A minimum of two screws per fixing clip should be used. Fixing clips should be positioned not more than 600mm apart. Once the first panel has been fixed into position, the following panel is then placed over the fixed panel with the female rib covering the male rib. Apply pressure to the top panel to ensure the overlap is securely engaged and use a seaming tool to close the seam.



Finishes Select the perfect finish for your project from our wide range of options. Samples and colour charts are available on request.

Accessories

All Metal can supply custom made starting and finishing panels. Factory folded internal and external corner tapered profiles can be made to suit your dimensions. We also provide everything you need to complete your installation including clips, specialised tools, angle cutting and made to order custom flashings.

Tolerance: All Metal will endeavour to produce finished products exactly as per the requested dimensions, please note that small variations can occur when folding or roll-forming products and as a result $\pm 4\text{mm}$ will be deemed to be within acceptable tolerance.

Fire Safety: All Metal Interlock is made using material that has been independently tested in accordance with AS 1530.3. The test measures, Ignitability Index, Spread of Flame Index, Heat Evolved Index and Smoke Developed Index and are deemed non-combustible as per the National Construction Code of Australia in accordance with clauses C1.19.(e).(v) and 3.7.1.1 (e)

Oil Canning: When using any light gauge flat metal products, a ripple effect may become visible in areas of an installation. The condition is normally related to thermal movement. It can be minimized by taking due care during the installation process and avoiding excessively large flat pans or high gloss finishes, Oil canning is not a defect of the finished product and does not adversely affect the warranty or durability of the material and as such does not warrant rejection of the finished product. For more information please refer to our Oil Canning information sheet.



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