

Cu

Zn

Al

Fe

smart sheet™ Architectural Sheetmetal

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smart sheet™ capping system

Architectural Metalformers manufactures and installs a wide range of custom made cappings that will compliment your project.

All **smart sheet™** flashing systems produced by Architectural Metalformers are accurate and guaranteed to be of the highest quality available. We use a complete multi component approach consisting of cappings, clips, stop ends, drip edge and saddle flashings.

Depending on the type of cappings required (e.g. roof parapet caps or highly visible balustrade caps), we have different methods for treating mitres, junctions and terminations.

We provide a full in-house service from site measure, design and consultation through to manufacture and installation.

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important factors for consideration

Factors for consideration regarding **smart sheet™** capping systems and the sub frame preparation are:

- > All **smart sheet™** capping systems require a minimum of 5° fall in accordance with building code of practice.
- > E2 External Moisture Code requires all **smart sheet™** capping systems to have a minimum of 50mm in low or medium wind zones and a minimum 90mm in high wind zones for the overlap to the wall cladding e.g. the front and back leg dimensions.
- > Material required
- > Wind zone
- > Wall venting requirements if any
- > Overall wall width
- > Drip edge detail

All joints employ an under strap or butt strap.

This butt strap has capillary grooves to ensure water cannot track behind joints. A 3-5mm expansion gap is allowed for between lengths.



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smart sheet™ cornice system

NB - This product is available in copper and zinc only.

Architectural Metalformers **smart sheet™** cornice systems is a multi component design.

The main feature is supplied in two parts, consisting of a capping top and the cornice front. This allows for the following:

- > A drip edge detail can be created on the front face which minimises water flow down the cornice.
- > A two part system eliminates expansion and contraction issues, between the capping top and the front face, due to temperature variation.
- > This system requires that all internal and external corners are fully soldered.

All joints employ an under strap or butt strap.

This butt strap has capillary grooves to ensure water cannot track behind joints. A 3-5mm expansion gap is allowed for between lengths.

The builder is to provide a 15mm plywood substrate with a bevelled fixing trim.

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smart sheet™ fascia system

A fascia coupled with a separate parapet cap provides a complete waterproofing system.

We provide a full in-house service from site measure, design and consultation through to manufacture and installation.

The benefits of a multi component system that uses a series of panels, clips, cleats and drip edge are:

- > Modular design caters for fascias of different girths and lengths
- > Allows for thermal expansion of various metals
- > Separate drip edge flashing can be installed before fascia to allow the soffit lining to be fixed quickly
- > Creates a feature with the joining cleats

