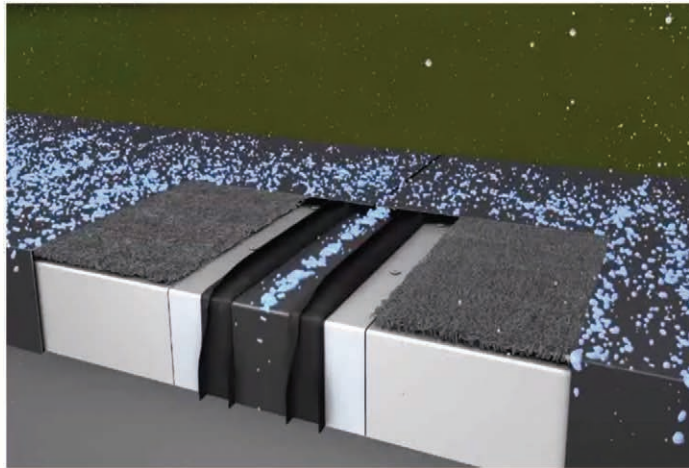


METAL SOLUTIONS LIMITED

Topclip Capping System



- Copper
- Zinc
- Stainless Steel
- Precoated Aluminium
- GreenCoat Steel



The Topclip System

The Topclip is a universal connector with double vulcanised seals, for the joining of metal cappings.

Topclip is suitable for all metal roofing materials i.e. copper, zinc, stainless steel, precoated aluminium, GreenCoat Steel & PPC aluminium.

Material

Standard configuration of 1.2mm aluminium or 0.8mm stainless steel with elastomeric black rubber seals.

Size

3000mm long x 150mm wide.

Advantages

Universal: The aluminium Topclip is suitable for all materials except copper, for which the stainless steel Topclip is used.

Rain Proof: The two vulcanised 8mm seals, on both sides of the Topclip, huddle against the capping profile, building a safe barrier against the capillary penetration of water.

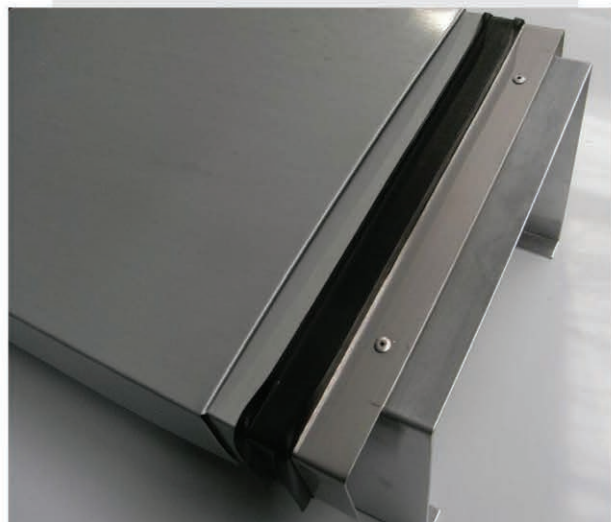
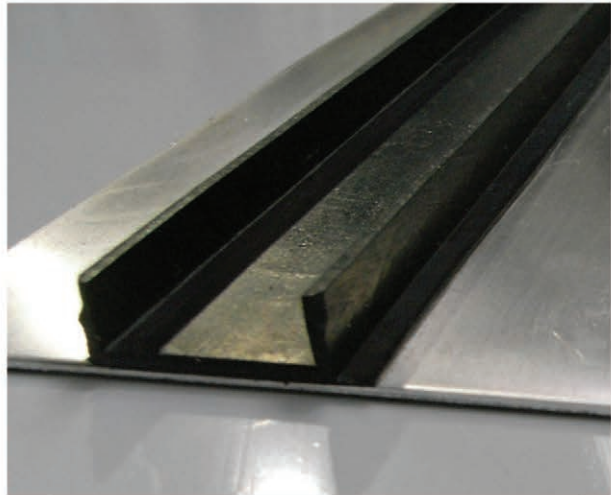
Cost Effective: The Topclip is easy to install, without any soldering or further sealing. Also expansion joints are not necessary as the open joint caters for lateral movement.

Installation

The Topclip is easy to fix with conventional metal roofing tools. It can be formed on-site or in the workshop as required.

A stiffening welt is made at each end on the capping profiles.

A breathable metal separating membrane, ISO-Mat Metal, is installed between the connectors to compensate for the height of the seals and to ventilate and protect the under side of the capping profiles.



Capping Installation

- Fix the Topclip to the substrate on both edges with stainless steel annular ring nails or screws.



- Install angle fixing strips between the Topclip joints with stainless steel annular ring nails or screws.



- Lay the breathable metal separating membrane between the connectors, over the fixing strips.



- Hook the capping profile onto to the fixing strip on one side and lower into position.



- Leave an open joint of 5mm—10mm over the centre of the Topclip joint.

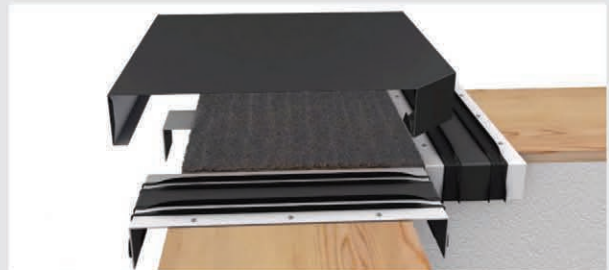
- Close the welt around the fixing strip on the opposite side.

- For capping profiles consisting of colour coated or preweathered finishes, place a small 40mm—45mm wide strip of the same material in the centre of the Topclip joint.



Corner Installation

- Fix the Topclip joint to the substrate at the corner capping junctions and the retaining clips as shown, with stainless steel annular ring nails or screws.
- Lay the breathable metal separating membrane between the connectors, over the retaining angles.
- Lower the corner profile into position, locating the retaining angles and closing the corner capping welt.
- Close the welt at the internal angle of the corner profile.
- Complete the installation of the adjacent cappings.



This Topclip joint leaflet is intended as an aid in understanding the Topclip joint system and refers to standard situations. The general fully supported metal roofing guidelines must be observed. The data contained in this publication is based on our own practical experience and we accept no liability for the accuracy or completeness. We would always advise that project proposals are checked by an engineer prior to installation.

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