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# Installation Instructions

# MetalWorks Snap On Baffles

## 1. GENERAL

### 1.1 Product Description

The Armstrong METALWORKS Snap on Baffles consists of a range of powdercoated extruded aluminium Baffle profiles which are fixed directly to the Ceiling or Walls as per the details below and in the METALWORKS Snap on Baffles brochure. Each Baffle system consists of two main components: The Mounting Section, which is applied to the ceiling or wall substrate and then the Snap On Section. Aluminium End Caps are also available and can be finished to match the Baffle.

### 1.2 General Installation Conditions

Armstrong METALWORKS Ceilings & Walls are **INTERIOR FINISHES ONLY**.

Because of the risk of soiling, the installation of MetalWorks Baffles should only take place after the completion of any work generating large amounts of dust. The wearing of clean gloves is recommended for installation work. The installer is responsible for the satisfactory installation of the ceiling and adherence to industry best practice and in accordance with AS/NZS2785:2020.

Baffles should only be stored in a dust-free and dry area. It is important to ensure that the Baffles are not subjected to any mechanical influences, such as damage caused by the underlying surface. Baffles delivered on pallets should be stored in their original packaging until they are installed. Where this is not possible, care should be taken to ensure that cartons are stored with the designated side facing upwards. The installation company is responsible for the careful storage of Baffles.

The integrity of the system depends on the ceiling of wall substrate being level and the installer fixing the Mounting Section first, then fixing the Snap On Section as per the instructions below.

***Note:** Specially designed MetalWorks Ceilings for **EXTERIOR** applications are available upon request. Contact your Armstrong Ceiling Solutions Representative for details and conditions.

## 2. BEFORE YOU START

- All material delivered to site should be checked for damage, unopened and original packages.
- At this stage if you are unsure of the suitability of material for this project, ask questions, as it is very expensive to remove materials that have been installed. All materials to be kept dry and protected from the elements.
- Snap On Baffles can be fixed to any substratist for both wall and ceiling application.
- Note – the fixing substrate must be level, as the aluminum Snap On Baffles will follow the substrate.

## 3. DETERMINE BAFFLE ORIENTATION

It is important at this stage to determine the direction of the Baffles to be installed. The drawing supplied by the builder will show the direction required.

## 4. BAFFLE INSTALLATION

1. Ensure the appropriate industry standard aluminum saws are used for cutting all Snap On Baffle profiles. Laser levels are to be used for locating and installing Baffles.
2. Check with your fixing provider prior to installing any items to make sure the correct fixings are used.

3. The Baffle Mounting Section is to be screw fixed to the substrate. The screw fixing must be no greater than 150mm from each end, with additional fixing points no greater than 600 mm centers along the Mounting Section.
4. Before fitting the Baffle Snap On (Top) Section to the Mounting Section, a "thumb print sized" dab of construction adessive must be applied to the outside of the upturned legs of the Mounting Section. This needs to be applied 150mm in from both ends and also in the middle of the Mounting Section

**Notes:**

- Ensure that all components and measurements have been double checked prior to installing the Baffle Snap On Section as the fitting is a tight friction fit and very difficult to remove (particularly when the adhesive sets). There is only room for minor adjustments to the Baffle Snap On Section once this is fixed into place.
- Check with an adhesive supplier prior to installation, to ensure the correct product is used.

5. Due to the design of the 2-part Baffle system, some force may be required to fit the Baffle Snap On (Top) Section onto the Mounting Section. The fitting of the Baffle Snap On Section is complete when an audible click is heard. A rubber mallet may be required in this application. However, ensure that only sufficient force is used to locate the Baffle Snap On (Top) Section, without causing damage.

6. End caps can be supplied for all Snap On Baffle profiles and are friction fitted. When installing End Caps, apply a "thumb print sized" dab of construction adhesive to ensure suitable fitting.

## 5. MAINTENANCE

METALWORKS Baffles may be cleaned at any time. However, any maintenance work on suspended ceilings should only be carried out after the technical functions of the ceiling installation have been carefully checked. In cases of doubt, the relevant Armstrong sales office should be contacted.

In the case of damage to individual Baffles, these can be exchanged within the systems. In such instances, especially after extended periods of use, colour variations may occur when individual tiles are replaced.

### 5.1 Armstrong – paint coatings

Armstrong ceiling Baffles are finished with a polyester powdercoat.

### 5.2. Cleaning of Armstrong METALWORKS™ metal ceilings

The frequency of cleaning will depend upon the function and usage of each area and the efficiency of the air conditioning/heating system. This period can only be determined after handover and occupancy. Although the materials are provided with durable powdercoat finish, abrasive or strong chemical detergent should not be used. A mild detergent diluted in warm water applied with a soft cloth, rinsed and finally wiped off with a chamois leather will stains if not removed by washing can be wiped off with white spirit but care is necessary to avoid affecting the gloss level of the finish.

## MORE INFORMATION

For complete technical information, detail drawings, CAD design assistance, installation information and many other technical services, call your local Armstrong Ceilings representative.

For the latest product selection and specification data, visit armstrongceilings.com.au

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