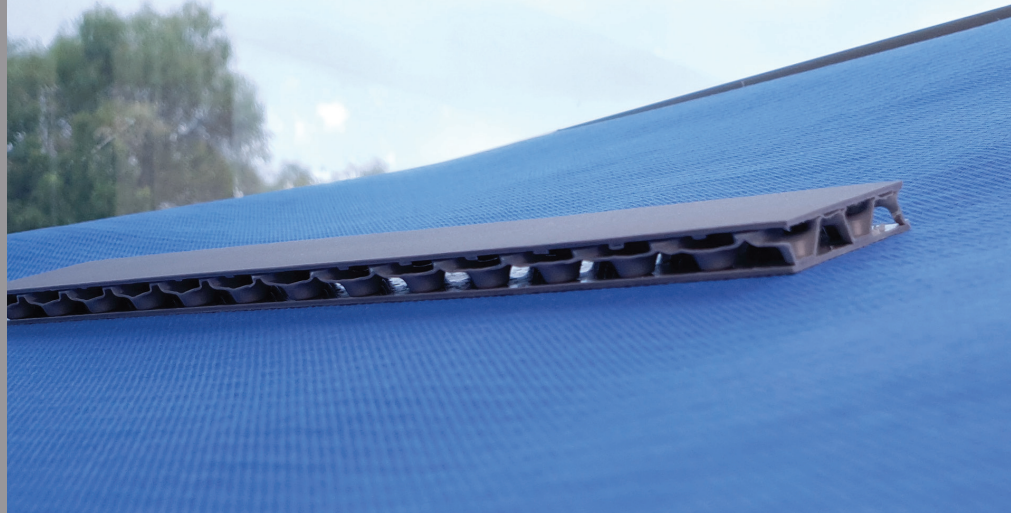


Ametalin Cavity Drainage Battens™

Product Code: CDB-451200

Open-air-flow Cavity Drainage Battens

For use behind roof and wall cladding in constructions where airspaces for condensation management, drainage, vapour movement and ventilation are required



Ametalin Cavity Drainage Battens™ is an innovative triple-layer, high-density polypropylene, self-adhesive, passive open air-flow strip. They are specifically designed to isolate and create ventilation, cavity drainage, and thermal separation in either vertical or horizontal orientation between pliable building membranes and various cladding materials and roofing sheets while providing a hard base to install to.

Ametalin Cavity Drainage Battens™ is ideal for use as a non-structural cavity spacer with vapour permeable and vapour barrier roof sarking and wall wraps in residential and commercial constructions where thermal separation, occasional water drainage, passive air-flow, energy efficiency and condensation control are paramount. In metal roofs, Ametalin Cavity Drainage Battens™ helps to locate and keep the dew point to the underside of the roof cladding preventing condensation from forming on the underside of the pliable building membrane.

Ametalin Cavity Drainage Battens™ is provided with a high tack adhesive backing, so there is no need for temporary fixings. The 10 mm thickness allows for applying a double thickness to make 20mm air gaps and reflective spaces for energy efficiency and ventilation requirements in NCC 2022 Vol 1, F8D5 and J4D3, and Housing Provisions 10.8.3 and 13.2.2. membrane.

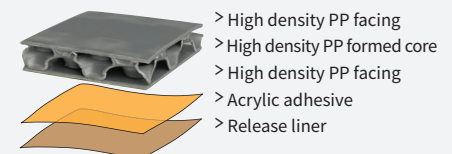
Ametalin Cavity Drainage Battens™ can withstand normal foot traffic and has great resistance to impact from cladding installation and screw pull.

Features and Benefits

- > R0.15 thermal resistance in-situ to reduce heat transfer
- > Heat, fire and UV resistant
- > Engineered for very high compression resistance
- > Self-adhesive backing for fast, easy, fix-free installation
- > Creates a natural drainage plane for moisture to escape
- > Enhances the energy efficiency and breathability of the system
- > Termite, mould, and mildew resistant

Construction

Ametalin Cavity Drainage Battens™ is a triple-layer high density polypropylene construction comprised of a formed inner PP core with 2 layers of premium high-density PP facing with self-adhesive backing to one side.



Dimensions

10mm x 45 mm x 1200 mm
(50 pcs per pack)

Nominal thickness: 10 mm

Handling and Storage

Store this product flat, in a clean, dry place out of direct sunlight, at all times.

Material Properties

Criteria	Reference	Result
Nominal Thickness		10 mm
Nominal Weight	<i>Per batten</i>	160 g
Thermal Conductivity	<i>ASTM C518</i>	0.0708 W/m·K
Thermal Resistance	<i>ASTM C518</i>	R 0.15
Compression Resistance		500 kPa
Adhesive		Acrylic Pressure Sensitive
Early Fire Indicies	<i>AS 1530.3</i>	Pass
Long term heat resistance		90°C

Specification Notes

When specifying state the following:

Product Name: Ametalin Cavity Drainage Battens™

The drainage batten to be installed shall be high-density, UV and fire rated polypropylene open air-flow Ametalin Cavity Drainage Battens™. Material R-value R0.15.

Complete details are available on our website: www.ametalin.com

Installation

Ametalin Cavity Drainage Battens™ are typically installed to the exterior side of the structural framing building envelope after installing the pliable building membrane. It is recommended to install Ametalin Cavity Drainage Battens™ at the same time as the outer roof and wall cladding; this will ensure optimal durability and performance.

1. Pliable building membrane is installed to the roof or wall frame construction in accordance with *AS 4200.2:2017*.
2. Locate the structural member to which the Ametalin Cavity Drainage Battens™ is to be applied to. eg: studs, plates, rafters, purlins etc
3. Ensure that the surfaces to be adhered to are clean, dry, and free from dirt, grease, oil and other contaminants.
4. Peel back the release liner from the strip.
5. Centre the Ametalin Cavity Drainage Battens™ parallel to the supporting framing member.
6. Apply the strip, ensuring that maximum surface contact is achieved by applying firm pressure by hand.
7. Install specified cladding system without delay.

Performance insulation for a greener world

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Manufactured in China

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