

HighFlow Cavity Batten



The background of the entire page is a close-up, angled view of several wooden battens. These battens are light-colored wood with a visible grain. They feature a series of rectangular grooves or cavities along their length, which are the 'HighFlow' feature mentioned in the text. The battens are stacked and arranged in a way that shows their profile and the depth of the grooves. The lighting is soft, highlighting the texture of the wood.

HighFlow Batten

The HighFlow Cavity Batten is a Patent Pending structural solution for cladding fixing.

The Highflow Cavity Batten, meets E2/AS1 standards, exceeding 1000mm²/ lineal metre of ventilation with 20mm grooves on both sides. HighFlow Cavity battens are also compliant with proposed condensation management requirements of NCC 2025 (Climate Zone 6-8). This batten enhances insulation properties of the wall frame, curbs moisture buildup, and features a bevelled edge for drainage away from the frame.

Serving as a structural element, HighFlow eliminates the need for additional framing provisions and can be spaced according to cladding manufacturers' specifications. As an Structural Timber Product, HighFlow Battens can be secured to with both nails and screws, providing flexibility to the installer's preference.

Patent Application No. 2024900855



About Design



Why Highwood?

Engineered Performance

The 70mm x 36mm x 3600mm HighFlow Cavity Battens utilise the natural strength and workability of Engineered LVL Timber to ensure a high quality result on site. LVL is straight, strong and stable, making it ideal for high quality cladding finishes.

Energy Efficiency

HighFlow Cavity Batten introduces a 36mm air cavity in the wall frame, which can improve the insulation properties of a wall system. Cavity installation is well suited to the testing Australian climate, and can also aid in compliance with energy efficiency requirements.

Moisture Reduction

Highflow Cavity Batten's high ventilation capacity and moisture-regulating design prevent moisture buildup in the wall frame. This feature can reduce mould risk and promote healthier indoor environments.

Simpler Framing

As a structural element, the batten can be fixed directly to external studs without additional support required, simplifying installation and improving efficiency on site.



WHERE INNOVATION MEETS SIMPLICITY

Highwood aims to reimagine traditional construction using modern technology to provide high quality, sustainable, and time saving alternatives.

The HighFlow Batten has been developed to provide a cavity fix solution for both Timber and Steel Frames whilst harnessing the attributes of timber.

Whether installing vertical cladding, or cladding sheets, HighFlow Battens are your solution to simplify.

HighFlow Battens are manufactured in Australia, for the Australian climate.

All Highwood Cavity Battens are H3 Treated as standard to protect from termites, moisture and weather.

For technical information, or to discuss how HighFlow battens can work for your next project, please reach out via the phone or email address provided below.

HIGHWOOD

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