

Top Hat Battens



PPC Flashings' Top Hat Battens are roll-formed steel sections designed to provide a reliable and efficient substructure for roofing, wall cladding, and ceiling systems. Manufactured from high-strength coated steel, these battens deliver consistent performance across residential, commercial, and industrial applications. Available in 22mm and 40mm profiles, our top hats are engineered for ease of installation, structural integrity, and long-term durability in Australian conditions.

Applications

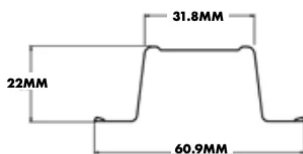
PPC Flashings Top Hat Battens are used as secondary support members for:

- Roof sheeting and metal roofing systems
- Wall cladding and façade systems
- Ceiling lining and plasterboard support
- Architectural cladding installations
- Commercial and industrial framing systems

Designed to integrate seamlessly with modern building systems, they provide a stable and efficient fixing platform.

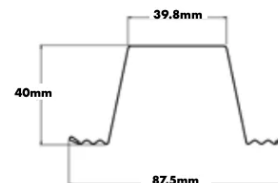
22mm Top Hat (Ceiling Batten Equivalent)

- Nominal Height: 22mm
- Typical Thickness: 0.42 BMT
- Ideal for: Ceiling systems and light-duty applications



40mm Top Hat (Roof Batten Equivalent)

- Nominal Height: 40mm
- Thickness Options: 0.48 BMT / 0.55 BMT
- Ideal for: Roofing and wall cladding support



High Strength Steel Construction

Manufactured from high-tensile steel (typically G550 grade) for superior load capacity and structural performance.



Lightweight & Efficient Design

Optimised profiles deliver strength without unnecessary weight, improving handling and installation efficiency.



Fast Installation

Simple screw-fix installation reduces labour time and on-site complexity.



Corrosion-Resistant Finishes

Available in galvanised or coated steel options suitable for a range of environments.



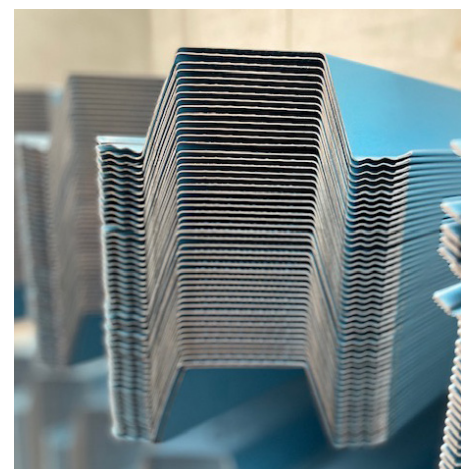
Versatile Application Range

Suitable for roofing, walling, and ceiling systems across residential to large-scale commercial projects.



Designed to Australian Standards

Engineered in accordance with relevant standards, including AS/NZS 4600 and AS 1397.



Conforms to AS 1397

Designed in accordance with:

- **AS/NZS 4600**
Cold-Formed Steel Structures
- **AS 1170**
Structural Loading Codes
- **AS 1562**
Roof & Wall Cladding

Specifications

Section	Nominal Height (mm)	BMT (mm)	Area (mm ²)	Mass (kg/m)
22mm Top Hat Batten	22	0.42 / 0.48	40.18	0.32
40mm Top Hat Batten	40	0.55	85.35	0.714

Fixing

- Fix battens using appropriate self-drilling screws as specified by the project engineer
- Ensure correct fastener spacing and embedment

Spacing

Batten spacing is determined by:

- Roof or wall cladding type
- Wind load requirements
- Structural design criteria

Lapping

- Minimum non-structural lap: 100mm
- Structural laps require extended overlap and additional fixings

End Fixing

- Fasteners should be placed a minimum of 25mm from the ends to maintain integrity

Handling & Storage

Store clear of the ground in dry conditions

- Protect from moisture and prolonged weather exposure
- Stack with a slight fall to prevent water pooling
- Avoid mixing with incompatible materials (e.g. copper, lead, treated timber)

Load Capacity

Designed to support roofing and cladding loads when installed correctly.

Foot Traffic

- 40mm sections can support installation foot traffic
- 22mm sections are not designed for walking loads

Environmental Conditions

Material selection should consider:

- Coastal exposure
- Industrial environments
- Corrosive conditions



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A photograph showing multiple stacks of blue PPC Flashings battens. The battens are arranged in neat rows, showing their characteristic trapezoidal shape and the corrugated texture on their top surface. The stacks are piled high, creating a sense of depth and quantity.

ppcflashings.com.au

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