ZINTL.

AUSTRALIAN MADE AND OWNED

PRODUCT BROCHURE

ZINTL®
BENEFITS

Customisable
With its seven unique profile designs and broad range of finishes and colours, ZINTL® enhances any project.

Non-combustible to AS1530.1 and AS1530.3
ZINTL® is NCC compliant, a rating that helps streamline the building approvals process.

Weatherproof AS4284
Compliant to F3P1 for weatherproofing, ZINTL® cladding profiles have been tested to AS4284 and meet the criteria of the F3P1 performance requirement for weatherproofing.

Australian Made and Owned®
ZINTL® premium interlocking weatherboard is Australian Made and Owned®.

Powder coated finish
ZINTL® offers high colour retention and a superior long-lasting finish through trusted Interpon and Dulux ranges.

High quality marine grade aluminium
ZINTL® is designed to be corrosion resistant, ensuring it will not oxidise over time and making it an ideal choice for all locations.

Expert advice
ZINTL® offers a team of experts with strong industry, design and technical knowledge available to assist with projects.

Warranty
ZINTL® surface finish warranty is up to 30 years, based on powder coat range. Project warranties available with pre-approval. Please refer to the ZINTL® 'Care and Maintenance' brochure for further information.

CLADDING

ZINTL.

PREMIUM INTERLOCKING
ALUMINIUM CLADDING SYSTEM
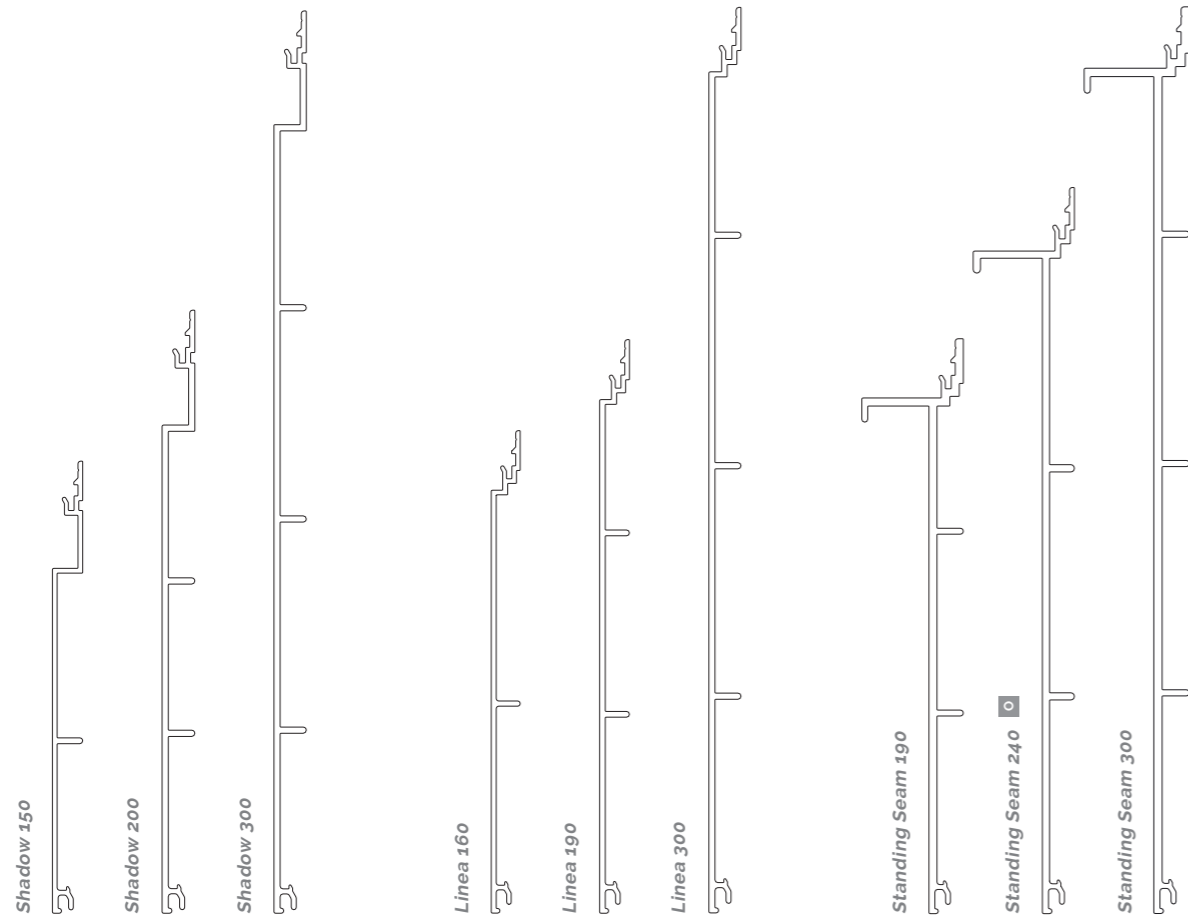
AUSTRALIAN MADE
AND OWNED

ZINTL® aluminium cladding system is a timelessly elegant and enduring material that offers a world of design possibilities. This high-performance cladding is available in a range of interlocking weatherboard profiles to suit any project.

ZINTL® provides specifiers with facade profiles that are versatile and non-combustible, tested to AS1530.1 and AS1530.3. Combining sophisticated style, extraordinary fire performance and efficient installation, this cladding system is ideal for residential, commercial, industrial, education, sporting and health care projects. Designed for quick and cost effective installation, ZINTL® requires minimal ongoing maintenance and can be customised to suit each project.

ZINTL® aluminium cladding is offered in a wide range of Interpon and Dulux powder coated finishes as well as a selection of anodised and wood grain architectural finishes, providing a beautifully refined aesthetic. With its mix of natural, bold and subtle hues, ZINTL® is perfect for any budget or environment. Its durability makes it particularly well suited for coastal properties and high traffic areas.

ZINTL® SYSTEMS AND PROFILES

Shadow 150 *Shadow 200* *Shadow 300*

Linea 160 *Linea 190* *Linea 300*

Standing Seam 190 *Standing Seam 240* *Standing Seam 300*

Shadow Series

- 150mm, 200mm and 300mm finished face
- Horizontal and vertical install
- A flat continuous board with negative detail
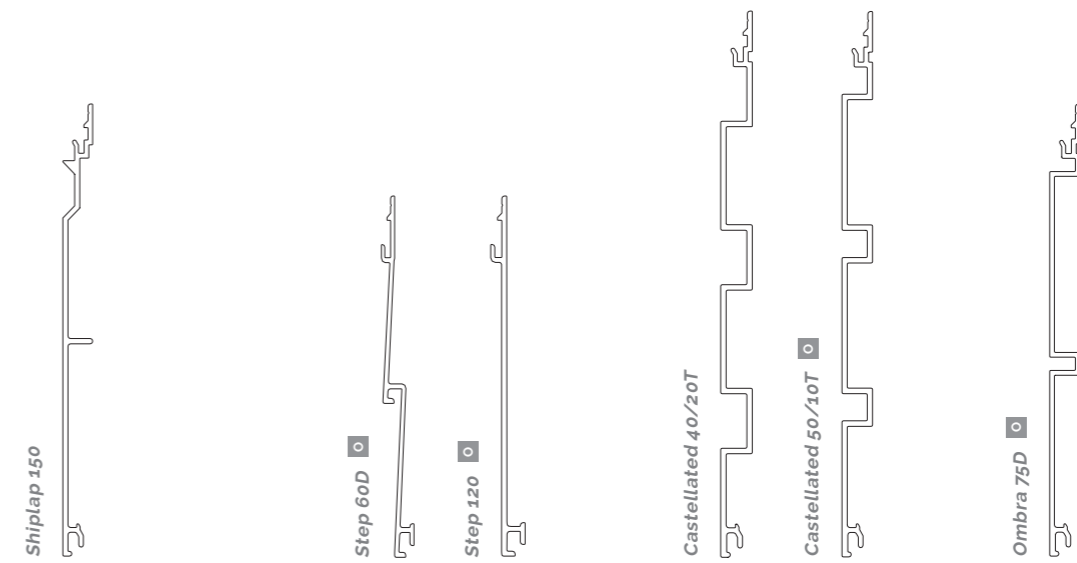- 5.0m and 6.5m lengths

Linea Series

- 160mm, 190mm and 300mm finished face
- Horizontal and vertical install
- Sleek and contemporary flat board appearance
- 5.0m and 6.5m lengths

Standing Seam Series

- 190mm, 240mm and 300mm finished face
- Vertical install only
- A vertical interlocking profile with single standing seam
- 5.0m and 6.5m lengths

Made to Order product
Current as at time of printing. Stocking Policy may change over time and without notice.
Please check with your ZINTL® representative to ensure you have the latest product stock information.

Shiplap 150

Step 60D *Step 120*

Castellated 40/20T *Castellated 50/10T*

Ombra 75D

Shiplap Series

- 150mm finished face
- Horizontal and vertical install
- Contemporary, traditional weatherboard appearance
- 5.0m and 6.5m lengths

Step Series

- 120mm finished face
- Horizontal install only
- Stepped weatherboard appearance
- 5.0m and 6.5m lengths

Castellated Series

- 180mm finished face
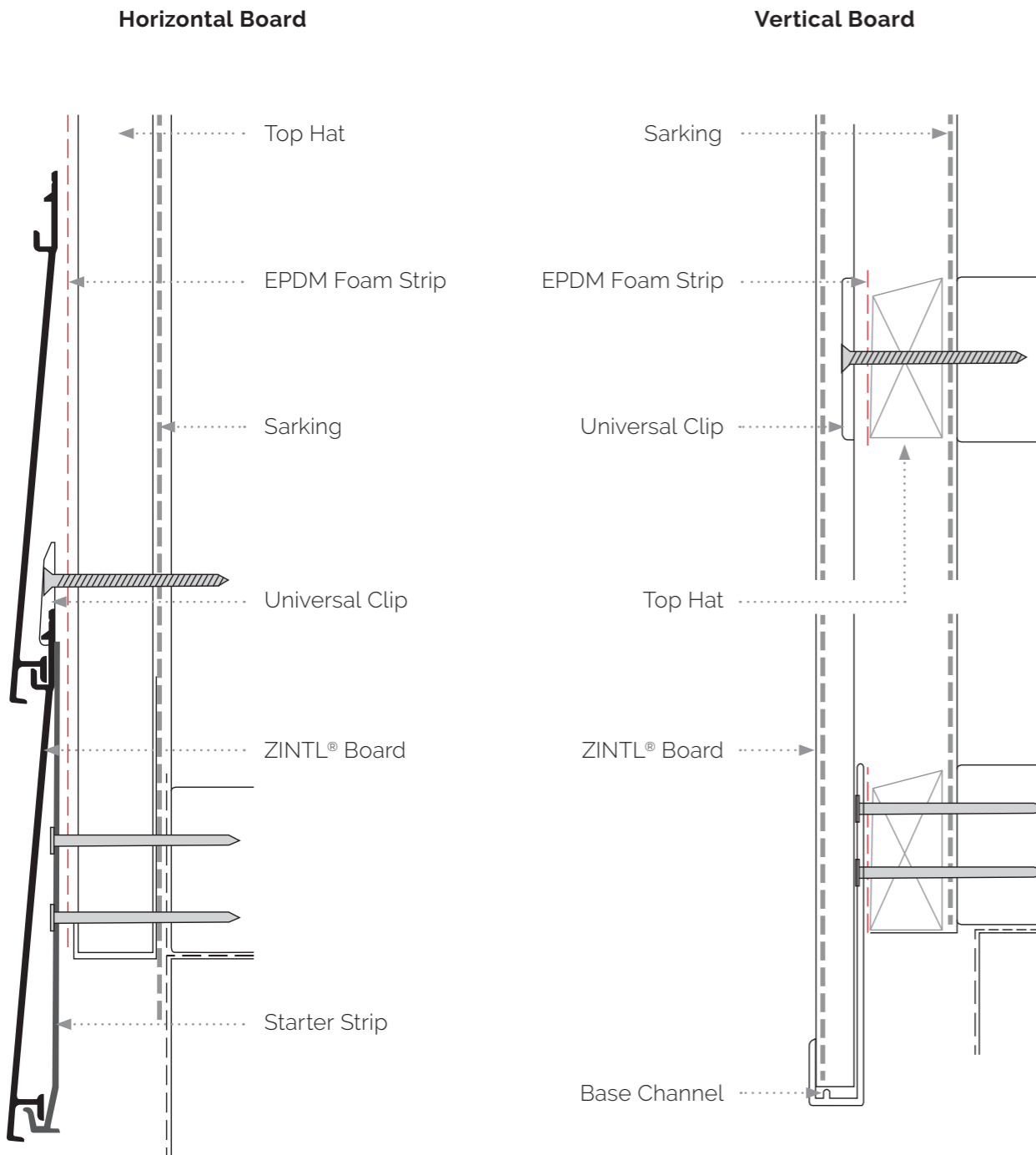- Horizontal and vertical install
- 5.0m and 6.5m lengths

Ombra Series

- 150mm finished face
- Horizontal and vertical install
- 5.0m and 6.5m lengths

Made to Order product
Current as at time of printing. Stocking Policy may change over time and without notice.
Please check with your ZINTL® representative to ensure you have the latest product stock information.

ZINTL® FIXING DETAILS

Horizontal Board

- Top Hat
- EPDM Foam Strip
- Sarking
- Universal Clip
- ZINTL® Board
- Starter Strip

Vertical Board

- Sarking
- EPDM Foam Strip
- Universal Clip
- Top Hat
- ZINTL® Board
- Base Channel

ZINTL® TECHNICAL DATA SHEET

Properties	Units	Values
Alloy		6063
Temper		T5
Standard thickness	mm	1.4–2.2
Painted weight	kg/m²	0.642kg/m to 1.575kg/m
Raw density	kg/m³	2700
Young's modulus (E)	GPa	68.3
Tensile strength (25°C)	MPa	220
Yield strength (25°C)	MPa	180
Shear strength	MPa	11
Fatigue strength	MPa	117
Elastic modulus	MPa	69
0.2% proof stress	MPa	>170
Elongation	%	12
Linear thermal expansion		2.4mm/m at 100° temperature difference
Melting range	°C	630–660
Electrical conductivity - Equal volume	MS/m	32
Electrical conductivity - Equal mass	MS/m	105
Thermal conductivity	W/m.K	201–218
Sound adsorption factor	NCR	0.05
Sound reflection	%	95

ZINTL® CERTIFICATIONS

ZINTL® premium interlocking aluminium cladding system is certified non-combustible when tested to AS1530.1. and AS1530.3 and meets F3P1 performance requirement criteria for weatherproofing.
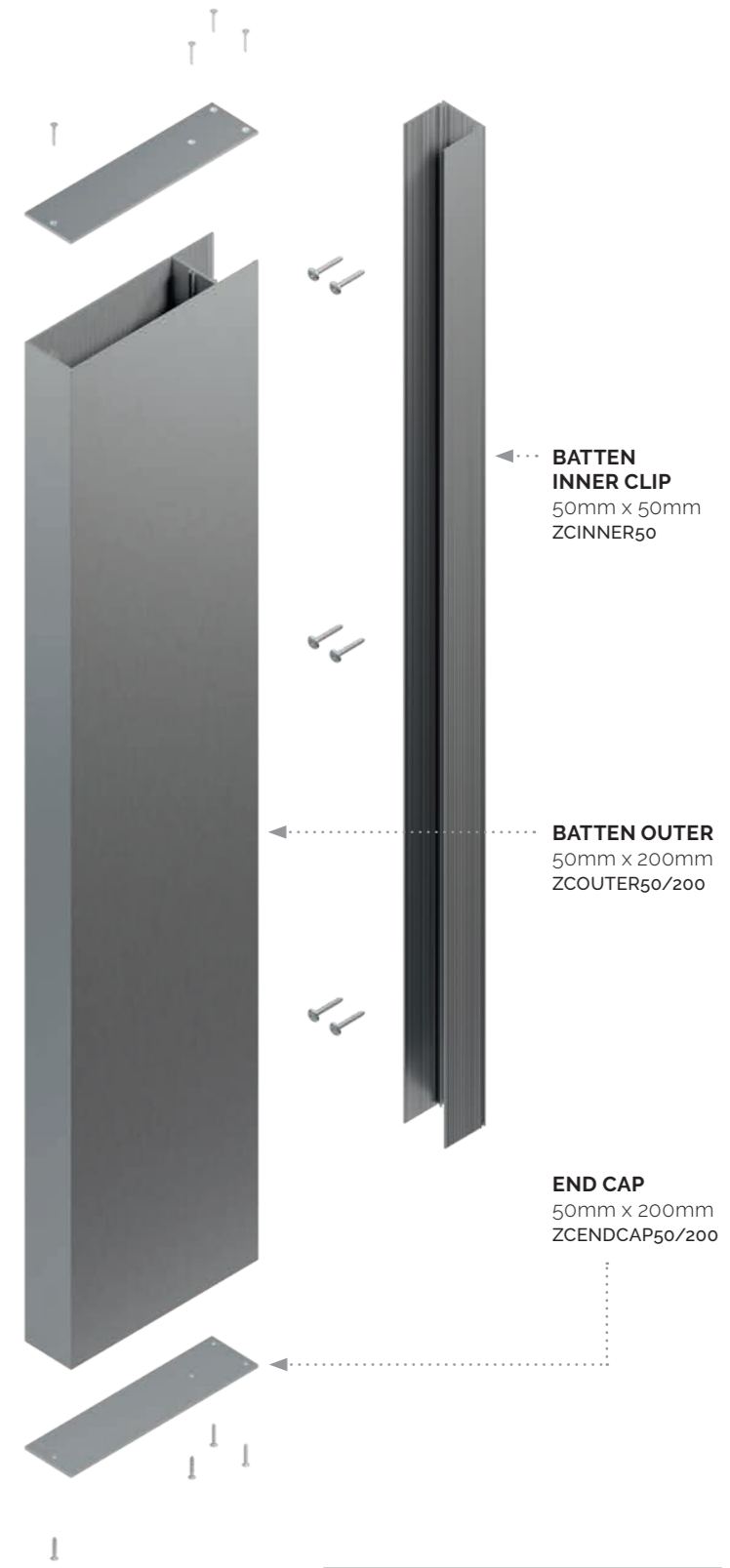
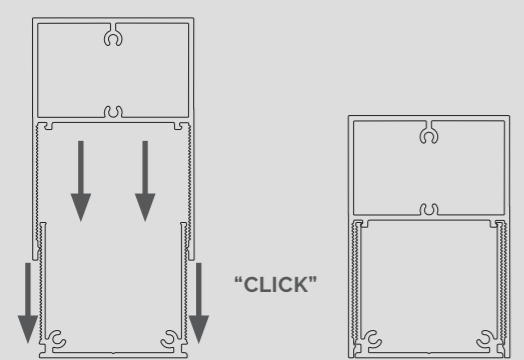| Properties	Result		
AS1530.1	Non-combustible		
AS1530.3	Pass	Ignitability index	0
	Pass	Heat evolved	0
	Pass	Spread of flame	0
	Pass	Smoke developed	3
As4284	Meets F3P1		
AS 4040.2	Meets NCC 2022 VOL 1: B1P1 and B1P2, and NCC 2022 VOL 2: H1P1		

ZINTL® BATTEN ASSEMBLY

ZINTL®

PREMIUM INTERLOCKING ALUMINIUM CLADDING SYSTEM

Applications

ZINTL® Batten is a versatile architectural facade system suitable for use in residential, commercial, industrial, education, sporting and health care projects.

Whether horizontally or vertically aligned, with its clean lines and contemporary look, ZINTL® Batten will bring a sophisticated and aesthetic impression to any architectural environment.

ZINTL® Batten uses a simple 'snap in' locking system to aid the installation. Simply mount the batten inner then firmly snap on the batten outer until a 'click' is heard.

"CLICK"

ZINTL® Batten comes in a 50mm width, and can be paired with a selection of seven heights ranging from 50mm to 300mm.

Materials

ZINTL® Batten architectural battens are extruded from 6063-T5 premium grade aluminium alloy. High corrosion resistance and weatherability, perfect for commercial applications. Standard Stock Length: 6.5 metres

Creativity

With a wide range of woodgrain and powder coating finishes and varying size options available, ZINTL® Batten allows specifiers to realise their creative vision and bring their designs to life.

In the past such freedom could only be achieved with apprehension, resulting in inconsistency due to the nature of custom manufacturing.

With ZINTL® Batten's standard sizes and modularity, it allows HVG Facades to supply an accurate and consistent architectural batten system.

Installation

Installers must consult with their Architect, Engineer or Building Designer to ensure that their specific installation will be suitable and compliant with all local building regulations and requirements.

This is essential due to the various installation methods by which the ZINTL® Batten Systems can be applied, and the various requirements for each building type and location. HVG Facades will not be responsible nor liable for any design or installation that does not comply with all local building code regulations or specified engineering requirements.

BATTEN INNER CLIP
50mm x 50mm
ZCINNER50

BATTEN OUTER
50mm x 200mm
ZCOUTER50/200

END CAP
50mm x 200mm
ZCENDCAP50/200

*50mm x 200mm Batten System displayed for illustrative purposes – batten outer illustrated is indicative option only.

ZINTL® BATTEN
50mm EXTRUSION PROFILES

COMPONENTS

BATTEN OUTER

BATTEN OUTER
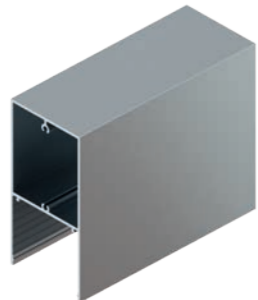50mm x 50mm
ZCOUTER50/50

END CAP
50mm x 50mm
ZCENDCAP50/50

BATTEN OUTER
50mm x 75mm ○
ZCOUTER50/75

END CAP
50mm x 75mm ○
ZCENDCAP50/75

BATTEN OUTER
50mm x 100mm
ZCOUTER50/100

END CAP
50mm x 100mm
ZCENDCAP50/100

BATTEN OUTER
50mm x 150mm
ZCOUTER50/150

END CAP
50mm x 150mm
ZCENDCAP50/150

BATTEN OUTER
50mm x 200mm
ZCOUTER50/200

END CAP
50mm x 200mm
ZCENDCAP50/200

BATTEN OUTER
50mm x 250mm ○
ZCOUTER50/250

END CAP
50mm x 250mm ○
ZCENDCAP50/250

BATTEN OUTER
50mm x 300mm ○
ZCOUTER50/300

END CAP
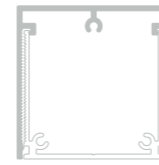50mm x 300mm ○
ZCENDCAP50/300

INNER CLIP

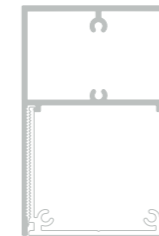**BATTEN INNER CLIP**
50mm x 50mm
ZCINNER50

○ Made to Order product

Current as at time of printing. Stocking Policy may change over time and without notice. Please check with your ZINTL® representative to ensure you have the latest product stock information.
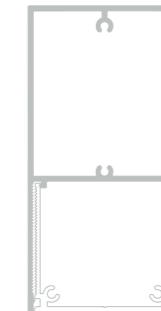
BATTEN OUTER & INNER CLIP ASSEMBLY

ZINTL® Batten uses a simple 'snap in' locking system to aid in installation. Simply mount the batten inner then snap on the batten outer until a 'click' in heard

BATTEN OUTER
50mm x 50mm
ZCOUTER50/50

BATTEN OUTER
50mm x 75mm ○
ZCOUTER50/75

BATTEN OUTER
50mm x 100mm
ZCOUTER50/100

BATTEN OUTER
50mm x 150mm
ZCOUTER50/150

BATTEN OUTER
50mm x 200mm
ZCOUTER50/200

BATTEN OUTER
50mm x 250mm ○
ZCOUTER50/250

**BATTEN
INNER CLIP**
50mm x 50mm
ZCINNER50

○ Made to Order product

Current as at time of printing. Stocking Policy may change over time and without notice. Please check with your ZINTL® representative to ensure you have the latest product stock information.
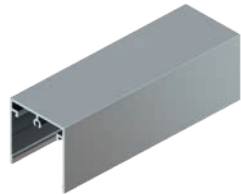
BATTEN OUTER
50mm x 300mm ○
ZCOUTER50/300

ZINTL® BATTEN
40mm EXTRUSION PROFILES

COMPONENTS
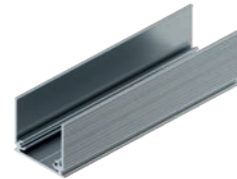
BATTEN OUTER

BATTEN OUTER
40mm x 40mm ▢
ZCOUTER40/40

END CAP
40mm x 40mm ▢
ZCENDCAP40/40

BATTEN OUTER
40mm x 80mm ▢
ZCOUTER40/80

END CAP
40mm x 80mm ▢
ZCENDCAP40/80

INNER CLIP

BATTEN INNER CLIP
40mm x 40mm ▢
ZCINNER40

BATTEN OUTER & INNER CLIP ASSEMBLY

ZINTL® Batten uses a simple 'snap in' locking system to aid in installation. Simply mount the batten inner then snap on the batten outer until a 'click' in heard

BATTEN OUTER
40mm x 40mm ▢
ZCOUTER40/40

BATTEN OUTER
40mm x 80mm ▢
ZCOUTER40/80

BATTEN INNER CLIP
40mm x 40mm ▢
ZCINNER40

▢ Made to Order product
Current as at time of printing. Stocking Policy may change over time and without notice. Please check with your ZINTL® representative to ensure you have the latest product stock information.

ZINTL® BATTEN
30mm EXTRUSION PROFILES

COMPONENTS

BATTEN OUTER

BATTEN OUTER
30mm x 30mm ▢
ZCOUTER30/30

END CAP
30mm x 30mm ▢
ZCENDCAP30/30

BATTEN OUTER
30mm x 60mm ▢
ZCOUTER30/60

END CAP
30mm x 60mm ▢
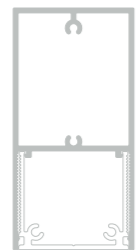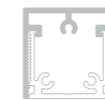ZCENDCAP30/60

INNER CLIP

BATTEN INNER CLIP
30mm x 30mm ▢
ZCINNER30

BATTEN OUTER & INNER CLIP ASSEMBLY

ZINTL® Batten uses a simple 'snap in' locking system to aid in installation. Simply mount the batten inner then snap on the batten outer until a 'click' in heard

BATTEN OUTER
30mm x 30mm ▢
ZCOUTER30/30

BATTEN OUTER
30mm x 60mm ▢
ZCOUTER30/60

BATTEN INNER CLIP
30mm x 30mm ▢
ZCINNER30

▢ Made to Order product
Current as at time of printing. Stocking Policy may change over time and without notice. Please check with your ZINTL® representative to ensure you have the latest product stock information.

BATTEN

ZINTL® BATTEN EXTRUSION PROFILES

	Batten Outer	Batten End Cap	Batten Inner Clip	Cap Screws
50mm x 50mm	ZCOUTER50/50	ZCENDCAP 50/50		
50mm x 75mm (Made to Order)	ZCOUTER 50/75	ZCENDCAP 50/75		
50mm x 100mm	ZCOUTER 50/100	ZCENDCAP 50/100		
50mm x 150mm	ZCOUTER 50/150	ZCENDCAP 50/150	ZCINNER50	8g x CSK ST/ST Self Tapping Screws
50mm x 200mm	ZCOUTER 50/200	ZCENDCAP 50/200		
50mm x 250mm (Made to Order)	ZCOUTER 50/250	ZCENDCAP 50/250		
50mm x 300mm (Made to Order)	ZCOUTER 50/300	ZCENDCAP 50/300		

	Batten Outer	Batten End Cap	Batten Inner Clip	Cap Screws
40mm x 40mm (Made to Order)	ZCOUTER40/40	ZCENDCAP40/40	ZCINNER40	8g x CSK ST/ST Self Tapping Screws
40mm x 80mm (Made to Order)	ZCOUTER40/80	ZCENDCAP40/80		

	Batten Outer	Batten End Cap	Batten Inner Clip	Cap Screws
30mm x 30mm (Made to Order)	ZCOUTER30/30	ZCENDCAP30/30	ZCINNER30	8g x CSK ST/ST Self Tapping Screws
30mm x 60mm (Made to Order)	ZCOUTER30/60	ZCENDCAP30/60		

Made to Order product – Current as at time of printing. Stocking Policy may change over time and without notice.
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CLEANING INFORMATION

To ensure ZINTL® is maintained to the highest standard, regular cleaning is recommended.

Further information can be found in the ZINTL® 'Care and Maintenance' brochure.

100% RECYCLABLE BOARDS

ZINTL® aluminium cladding is an excellent choice due to its exceptional corrosion resistance and recyclability.

Our ZINTL® solid aluminium boards are 100% recyclable. Recycling aluminium requires less energy compared to other primary metals.

ZINTL®

**CERTIFIED
NON-COMBUSTIBLE
TO AS1530.1**

**AUSTRALIAN MADE
AND OWNED**

**UP TO
30
YEAR
WARRANTY**

100% RECYCLABLE

By HVG façades

hvgfacades.com.au | 1300 881 712