



ALTERIA

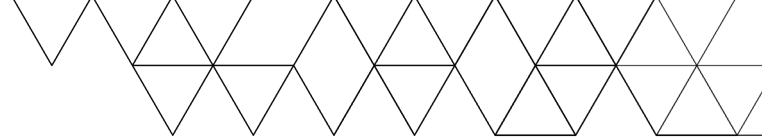
SIGNATURE ALUMINIUM SYSTEMS

PRODUCT TECHNICAL DATASHEETS

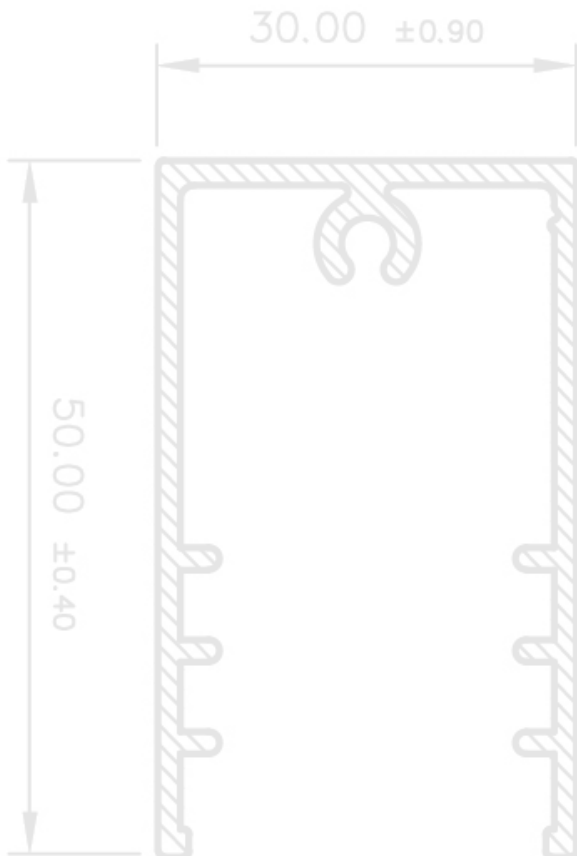
Alteria Aluminium Batten
and Cladding Systems



Version 2.1



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1.0 Product Overview

With a range of proprietary aluminium batten and cladding profiles, Alteria Signature Aluminium Systems have been designed with all the complementary accessories and trims to ensure not only a more efficient installation, but a facade that will look great and last for years to come.

Application

Alteria Signature Aluminium battens and claddings are non-structural but are suitable for use as a decorative internal linings or as a external cladding for residential and commercial buildings.

Battens

Alteria Aluminium battens are not designed to provide weatherproofing to the building. If weatherproofing is required, battens need to be installed over suitable exterior cladding. Please contact your project engineer for cladding recommendations.

Battens can also be installed directly to most internal linings (eg. Plasterboard) or directly fixed straight to the ceiling grid.

Battens must be secured to a top hat or nogging. It is imperative that they are not just installed to cladding or lining sheet.

The Alteria finishes range includes a wide selection of premium powder coat colours to suit all project requirements, including realistic wood-look options plus many on-trend pearlescent and anodised-look colours.

Claddings

Alteria Aluminium claddings have been designed to be weathertight, however it is essential that a moisture management plan has been completed including the necessary flashings, air barriers, seals and waterproofing sheets to meet the requirements of the BCA. Contact your project engineer for recommendations.

Alteria Aluminium cladding can be installed direct fixed straight to the wall battens or ceiling grid.

Please refer to Alteria Install Guides for further installation advice.

Warranty

Alteria products are built to last and are made in Australia using quality components. By following the care and maintenance instructions, Alteria Aluminium Systems are covered by one of our Signature Warranties.

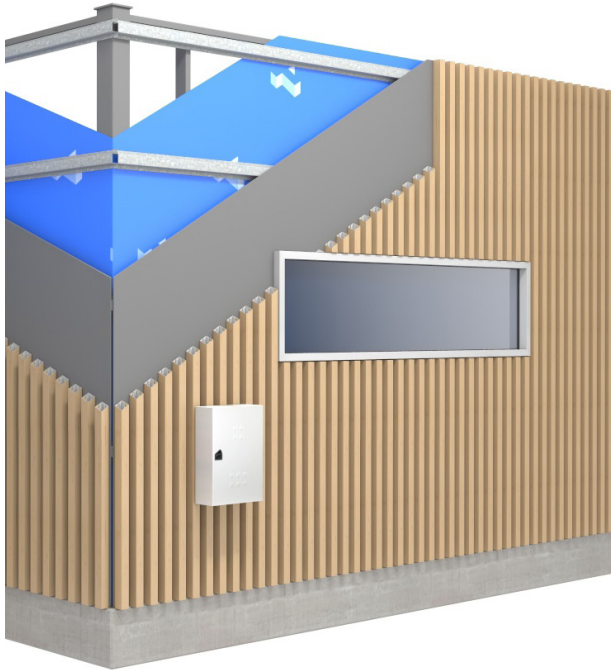
Refer to the Finishes section for an overview of the warranty periods available for each finish. Visit the Alteria website for full warranty terms and conditions.



2.0 Two-Piece Batten System

Alteria Aluminium Battens use a direct fix two-piece click system for easy installation. The two-piece Batten System comprises of a fe batten profile and a batten batten base.

Alteria Aluminium battens can be installed both vertically and horizontally over external cladding or internal linings or installed vertically from floor to ceiling with the use of mounting plates.



Batten – Vertical
Over Exterior Cladding



Batten – Horizontal
Over Exterior Cladding



Batten – Vertical
Floor to Ceiling Mounting Plates

2.0 Two-Piece Batten System

2.1 Core Components

Below highlights the core components of Alteria's Batten System range.

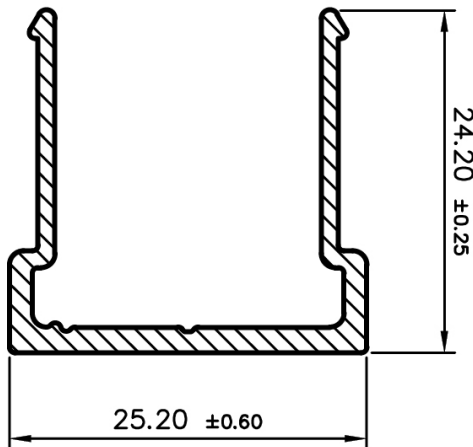
Product	Sizes Available
Batten Cover 	30 x 30mm 30 x 50mm 30 x 80mm 30 x 120mm 50 x 50mm 50 x 100mm 50 x 150mm 50 x 200mm 50 x 200mm Joiner
Batten Base 	30mm 50mm Standard 50mm Heavy
End Cap - Screw Fit 	30 x 30mm 30 x 50mm 30 x 80mm 30 x 120mm 50 x 50mm 50 x 100mm 50 x 150mm 50 x 200mm
End Cap - Concealed Fit 	30 x 30mm 30 x 50mm 30 x 80mm 30 x 120mm 50 x 50mm 50 x 100mm 50 x 150mm 50 x 200mm
Mounting Plates 	30mm 50mm 50 x 50mm

2.0 Two-Piece Batten System

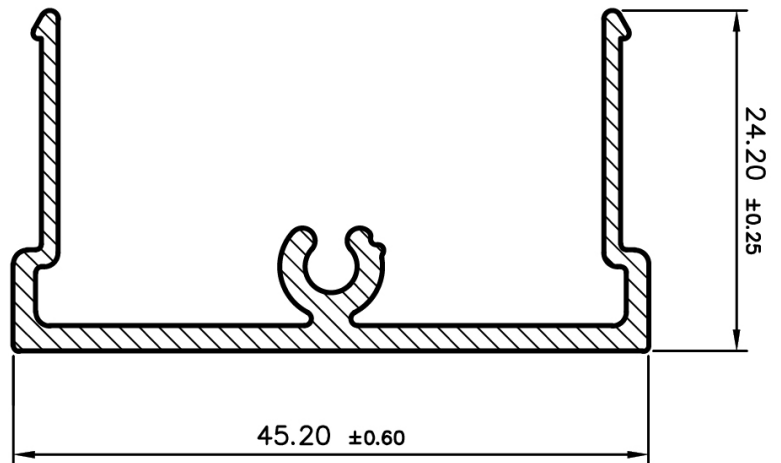
2.2 Batten Base

The batten base brackets are available in two sizes. The 30mm batten base is to be used with all batten profiles in the 30mm series. In the 50mm series there is a 50mm Standard Base that is used for 50x50mm, 50x100mm and 50x150mm and a 50mm Heavy Base that is used for the 50x200mm and 50x200mm Joiner profile.

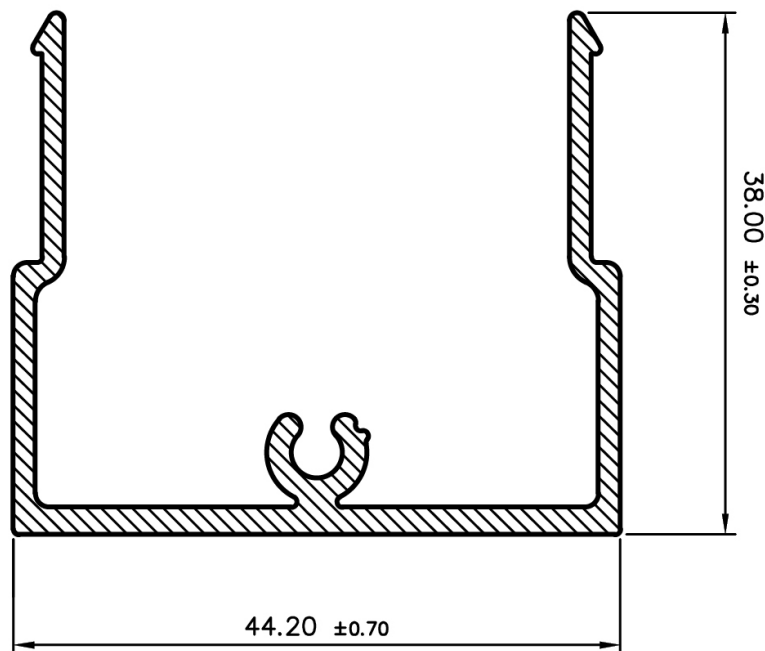
30mm Batten Base



50mm Batten Base - Standard



50mm Batten Base - Heavy



2.0 Two-Piece Batten System

2.2 Batten Base

	30mm Base	50mm Base - Standard	50mm Base - Heavy
Description	30mm Batten Base	50mm Batten Base	50mm Batten Base
System	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System
System Component	Male	Male	Male
Base Material	Aluminium	Aluminium	Aluminium
Grade	6060 / T5 Temper	6060 / T5 Temper	6060 / T5 Temper
Dimensional Tolerances	As per drawings	As per drawings	As per drawings
Other Tolerances	In Accordance to AS/NZS 1866:1997		
Material Standards	AS/NZS 1866:1997		
Width	25.2mm	45.2mm	44.2mm
Height	24.2mm	24.2mm	38.0mm
Standard Length*	6500mm	6500mm	6500mm
Thickness	1.8mm	1.8mm	2.0mm
Mass	0.29kg/m	0.462kg/m	0.638kg/m
Weight (Per Length)	1.89kg	3.00kg	4.14kg
Stock Finish	Mill	Mill	Mill
Finish/Coating Range Options	Evoke, Meridian, Aurora, Lumi, Essentials		
Fire Certifications	AS 1530.1-1994, AS/NZS 1530.3-1999, AS 5637.1. See Section 6 for fire performance results.		

*Custom lengths available on request.

2.0 Two-Piece Batten System

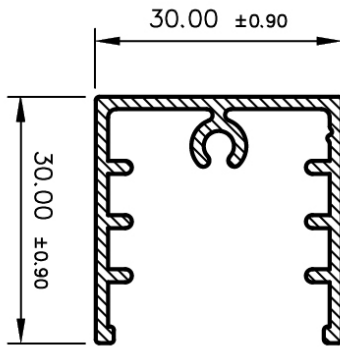
2.3 Batten Cover - 30mm Series

The 30mm Series comprises 30x30mm, 30x50mm, 30x80mm and 30x120mm sizes.

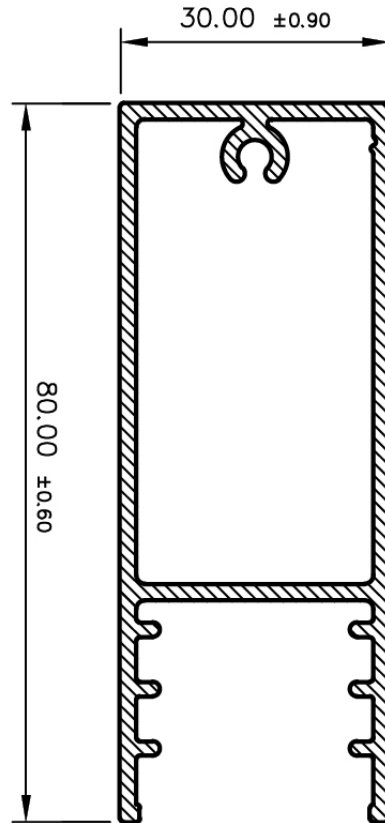
The 50mm Series comprises 50x50mm, 50x100mm, 50x150mm, 50x200mm cover sizes as well as a 50x200mm Joiner.

2.3.1 30mm Batten Cover Series

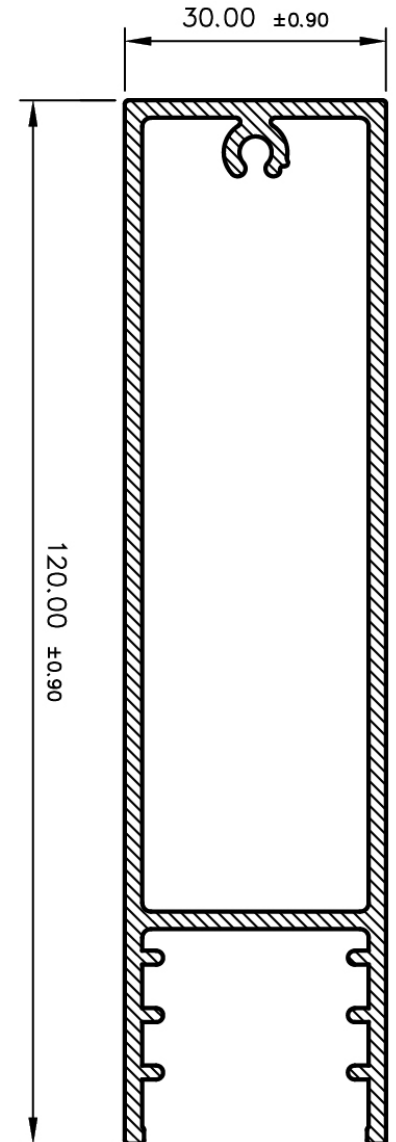
30x30mm Batten Cover



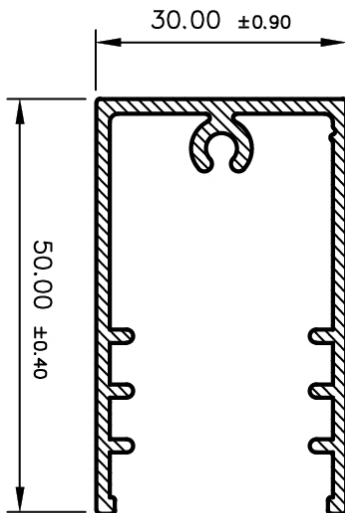
30x80mm Batten Cover



30x120mm Batten Cover



30x50mm Batten Cover



2.0 Two-Piece Batten System

2.3 Batten Cover - 30mm Series

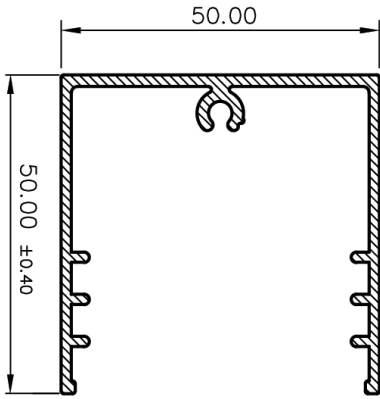
	30x30mm	30x50mm	30x80mm	30x120mm
Description	30x30mm Batten Cover	30x50mm Batten Cover	30x80mm Batten Cover	30x120mm Batten Cover
System	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System
System Component	Female	Female	Female	Female
Base Material	Aluminium	Aluminium	Aluminium	Aluminium
Grade	6060 / T5 Temper	6060 / T5 Temper	6060 / T5 Temper	6060 / T5 Temper
Dimensional Tolerances	As per drawings	As per drawings	As per drawings	As per drawings
Other Tolerances	In Accordance to AS/NZS 1866:1997			
Material Standards	AS/NZS 1866:1997			
Width	30mm	30mm	30mm	30mm
Height	30mm	50mm	80mm	120mm
Standard Length*	6500mm	6500mm	6500mm	6500mm
Thickness	1.6mm	1.6mm	1.8mm	2mm
Mass	0.490kg/m	0.711kg/m	1.179kg/m	1.713kg/m
Weight (Per Length)	3.18kg	4.62kg	7.66kg	11.13kg
Stock Finish	Mill	Mill	Mill	Mill
Finish/Coating Range Options	Evoke, Meridian, Aurora, Lumi, Essentials			
Fire Certifications	AS 1530.1-1994, AS/NZS 1530.3-1999, AS 5637.1. See Section 6 for fire performance results.			

*Custom lengths available on request.

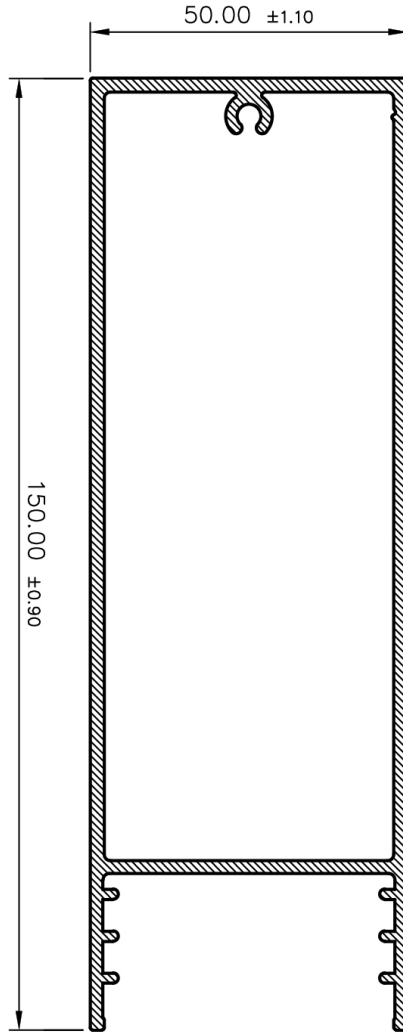
2.0 Two-Piece Batten System

2.4 Batten Cover - 50mm Series

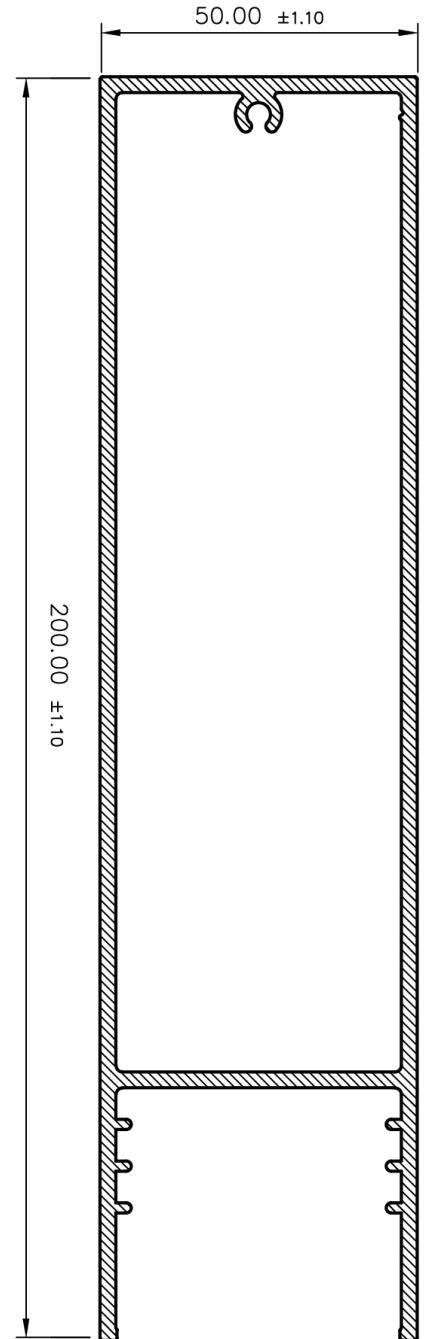
50x50mm Batten Cover



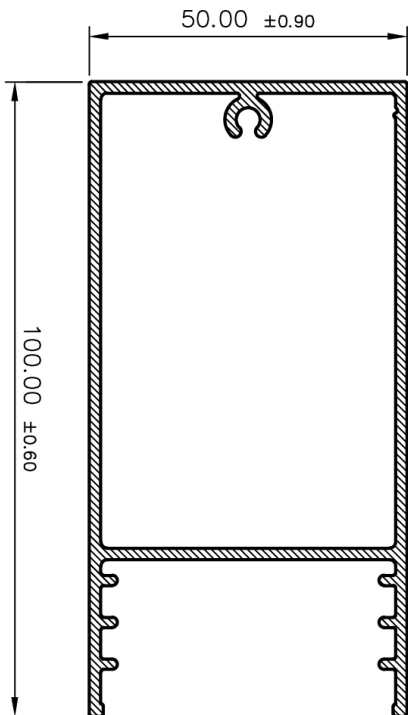
50x150mm Batten Cover



50x200mm Batten Cover



50x100mm Batten Cover



2.0 Two-Piece Batten System

2.4 Batten Cover - 50mm Series

	50x50mm	50x100mm	50x150mm	50x200mm
Description	50x50mm Batten Cover	50x100mm Batten Cover	50x150mm Batten Cover	50x200mm Batten Cover
System	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System
System Component	Female	Female	Female	Female
Used With	50mm Base - Standard	50mm Base - Standard	50mm Base - Standard	50mm Base - Heavy
Base Material	Aluminium	Aluminium	Aluminium	Aluminium
Grade	6060 / T5 Temper	6060 / T5 Temper	6060 / T5 Temper	6060 / T5 Temper
Dimensional Tolerances	As per drawings	As per drawings	As per drawings	As per drawings
Other Tolerances	In Accordance to AS/NZS 1866:1997			
Material Standards	AS/NZS 1866:1997			
Width	50mm	50mm	50mm	50mm
Height	50mm	100mm	150mm	200mm
Standard Length*	6500mm	6500mm	6500mm	6500mm
Thickness	1.8mm	1.8mm	2.2mm	2.5mm
Mass	0.808kg/m	1.568kg/m	2.408kg/m	3.441kg/m
Weight (Per Length)	5.25kg	10.19kg	15.65kg	22.3kg
Stock Finish	Mill	Mill	Mill	Mill
Finish/Coating Range Options	Evoke, Meridian, Aurora, Lumi, Essentials			
Fire Certifications	AS 1530.1-1994, AS/NZS 1530.3-1999, AS 5637.1. See Section 6 for fire performance results.			

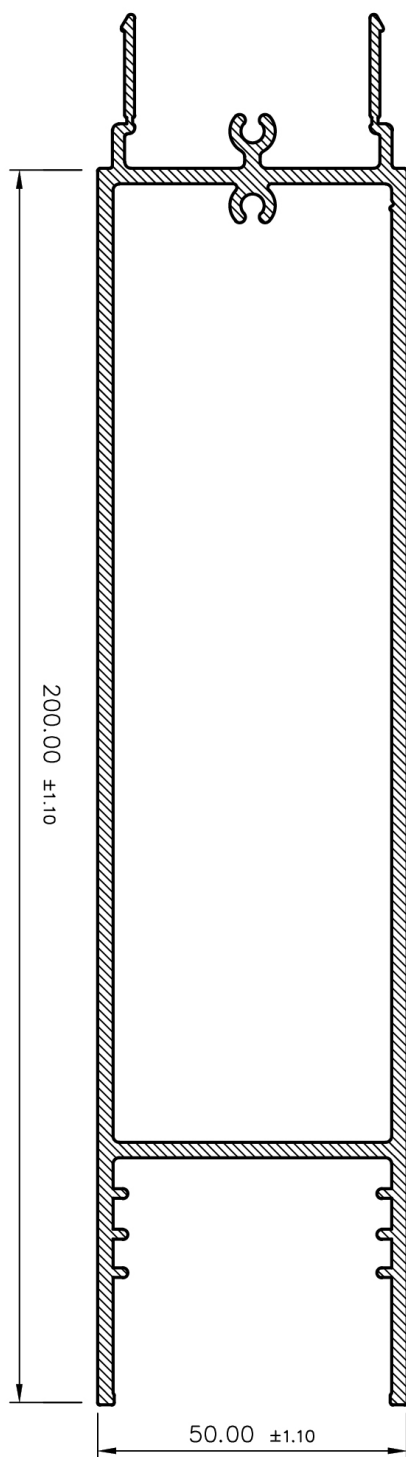
*Custom lengths available on request.

2.0 Two-Piece Batten System

2.5 Batten Joiner

The batten joiner can be used together with the 50x50mm, 50x100mm and 50x150mm covers to create an even longer batten length. The batten joiner must be used with the 50mm Batten Base - Heavy.

50x200 Batten Joiner



50x200mm	
Description	50x200mm Batten Joiner
System	Two-Piece Batten System
System Component	Female
Used With	50mm Base - Heavy
Base Material	Aluminium
Grade	6060 / T5 Temper
Dimensional Tolerances	As per drawings
Other Tolerances	In Accordance to AS/NZS 1866:1997
Material Standards	AS/NZS 1866:1997
Width	50mm
Height	200mm
Standard Length*	6500mm
Thickness	2.5mm
Mass	3.768kg.m
Weight (Per Length)	23.9kg
Stock Finish	Mill
Finish/Coating Range Options	Evoke, Meridian, Aurora, Lumi, Essentials
Fire Certifications	AS 1530.1-1994, AS/NZS 1530.3-1999, AS 5637.1. See Section 6 for fire performance results.

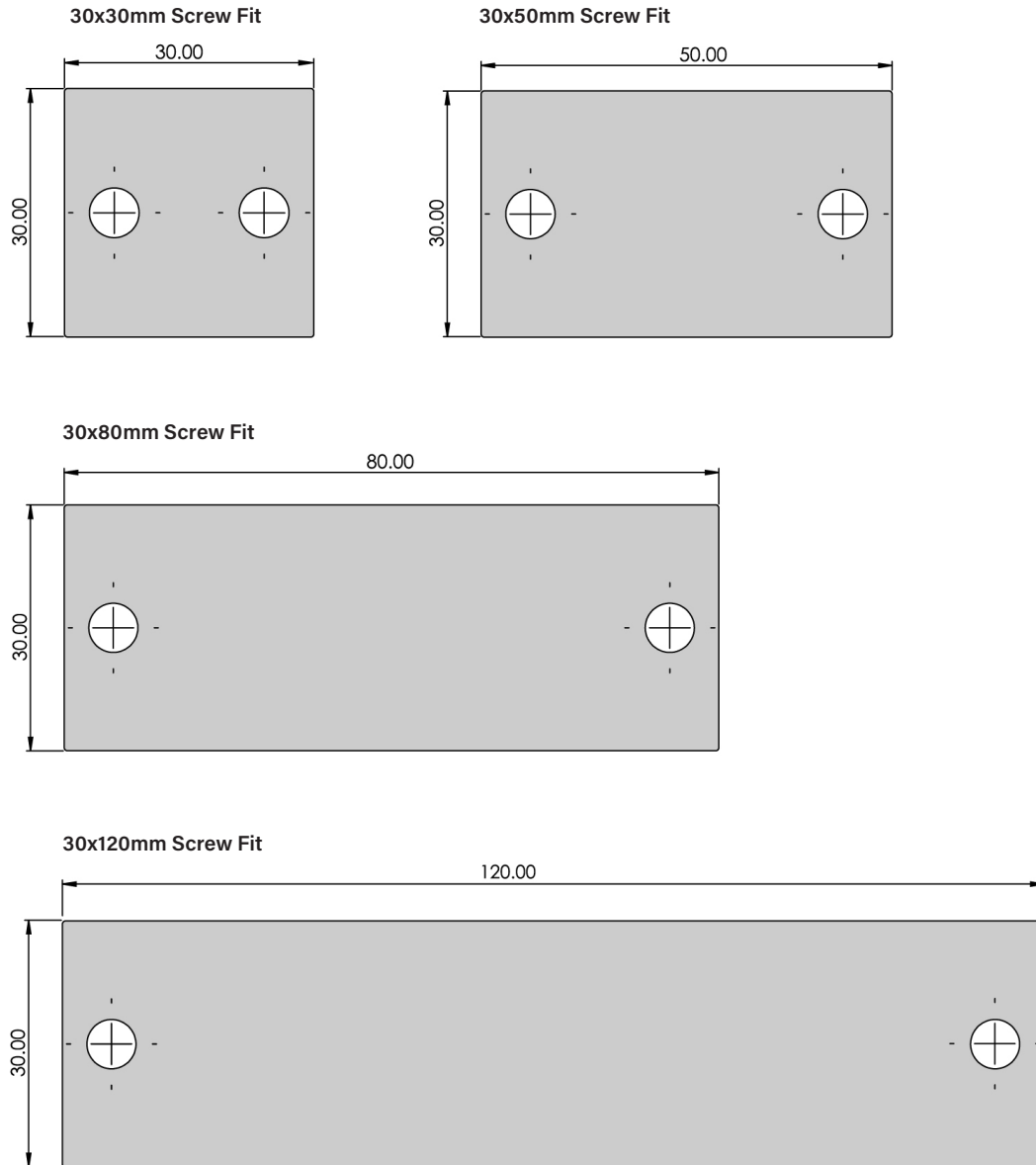
*Custom lengths available on request.

2.0 Two-Piece Batten System

2.6 Batten End Caps - Screw Fit

Batten profiles have been designed with screw flutes to allow a screw to be securely inserted into the profile. Screw Fit End Caps also come with countersunk screw holes pre-drilled. Colour matched screws are also available.

2.6.1 Screw Fit End Caps - 30mm

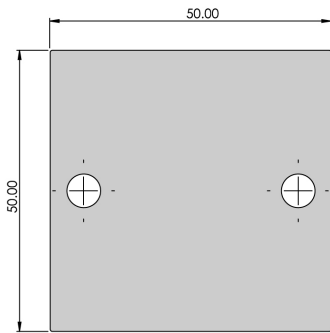


	Screw Fit 30x30mm	Screw Fit 30x50mm	Screw Fit 30x80mm	Screw Fit 30x120mm
Used with	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System
System Component	End Cap	End Cap	End Cap	End Cap
Base Material	Aluminium	Aluminium	Aluminium	Aluminium
Profile Width (mm)	30	30	30	30
Length (mm)	30	50	80	120
Thickness (mm)	2	2	2	2
Stock Finish	Mill	Mill	Mill	Mill
Finish/Coating Range Options	Evoke, Meridian, Aurora, Lumi, Essentials			

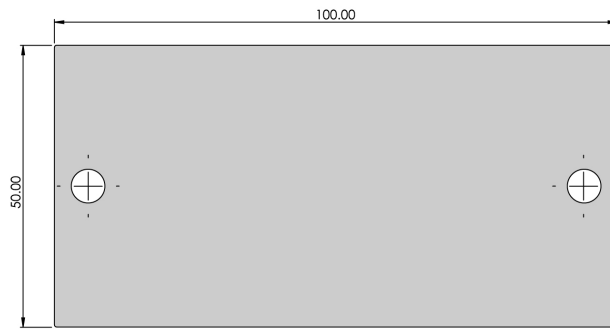
2.0 Two-Piece Batten System

2.6.2 Screw Fit End Caps - 50mm

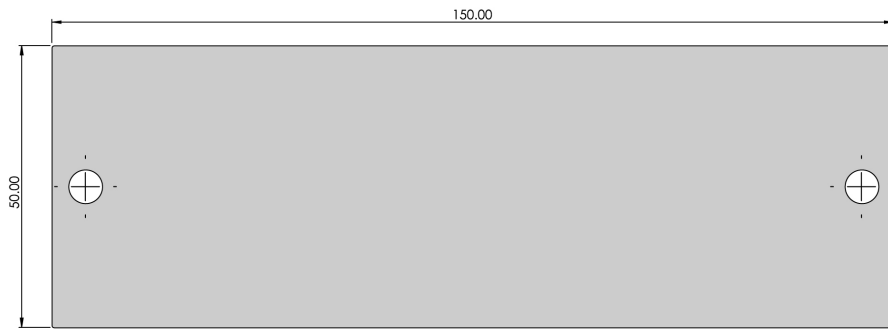
50x50mm Screw Fit



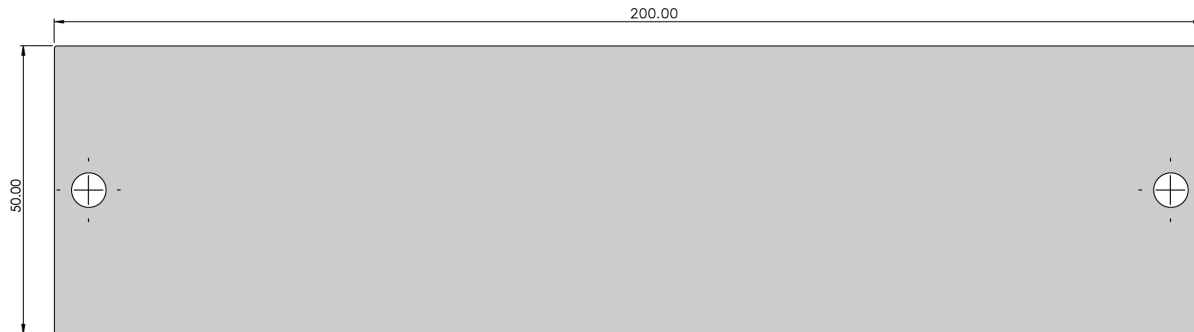
50x100mm Screw Fit



50x150mm Screw Fit



50x200mm Screw Fit



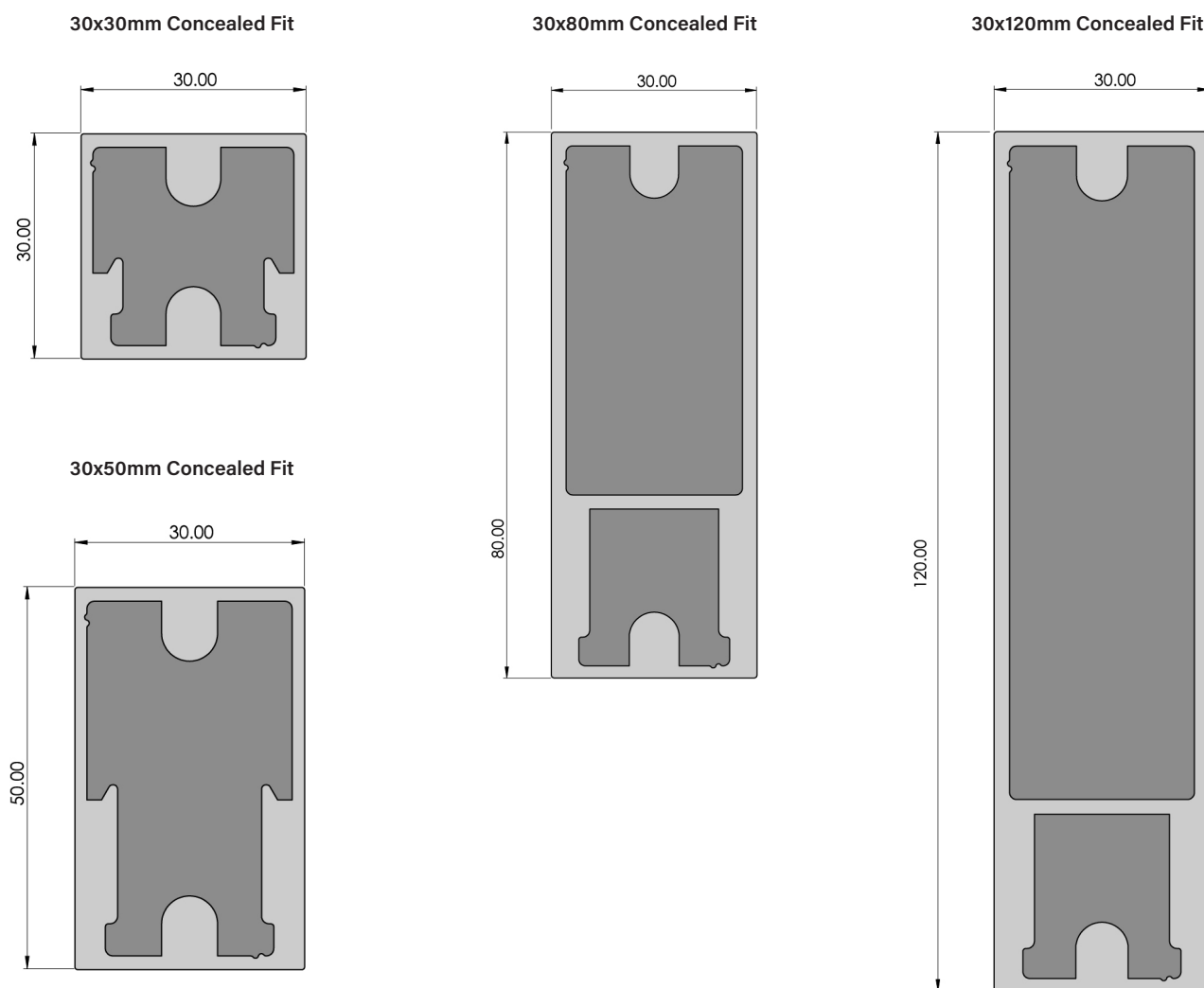
	Screw Fit 50x50mm	Screw Fit 50x100mm	Screw Fit 50x150mm	Screw Fit 50x200mm
Used with	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System
System Component	End Cap	End Cap	End Cap	End Cap
Base Material	Aluminium	Aluminium	Aluminium	Aluminium
Profile Width (mm)	50	50	50	50
Length (mm)	50	100	150	200
Thickness (mm)	2	2	2	2
Stock Finish	Mill	Mill	Mill	Mill
Finish/Coating Range Options	Evoke, Meridian, Aurora, Lumi, Essentials			

2.0 Two-Piece Batten System

2.7 Batten End Caps - Concealed Fit

These end caps have been designed to snugly fit our batten profiles and do not require any exposed screws. If required, a suitable polyurethane adhesive sealant can be used in conjunction.

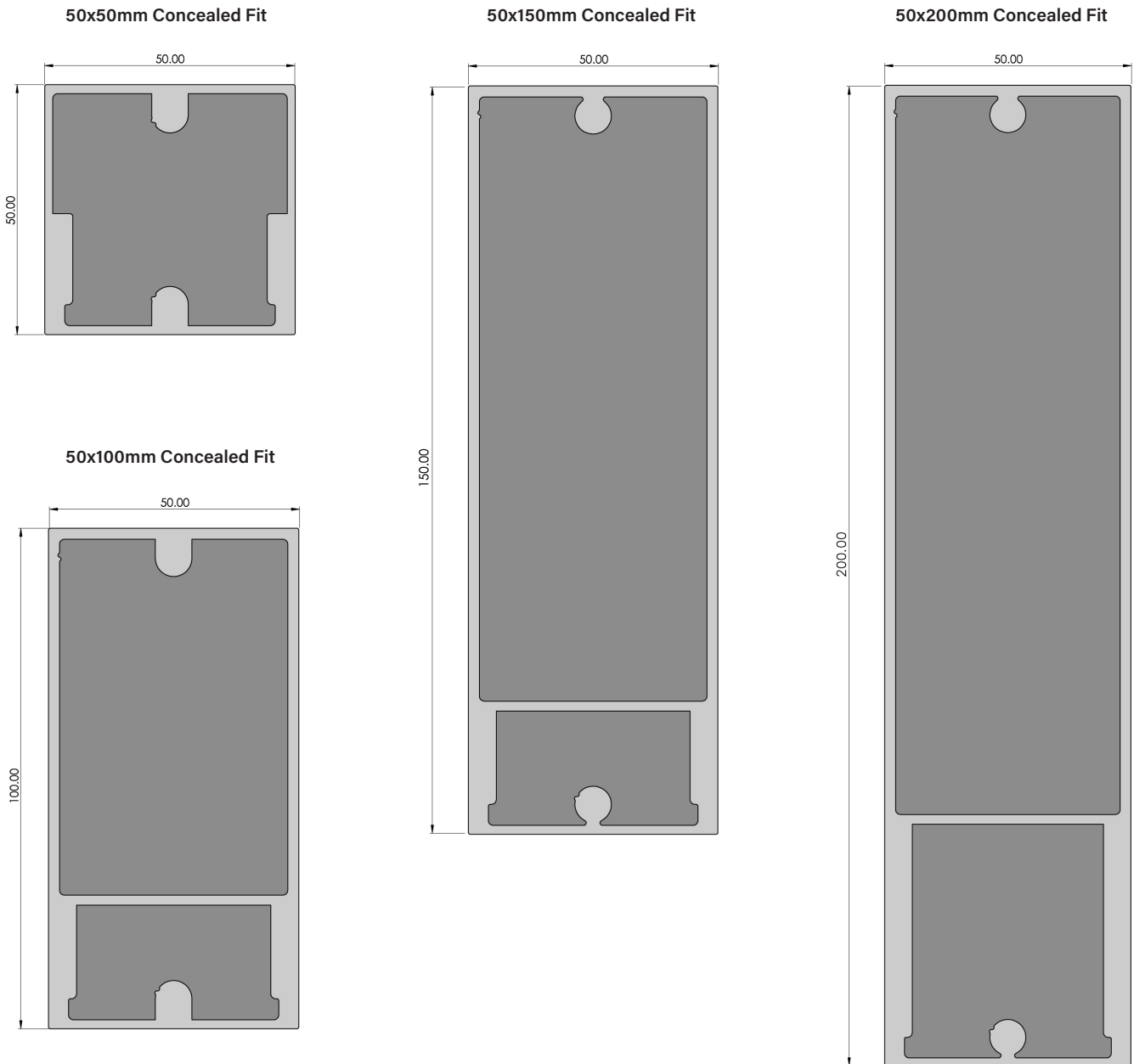
2.7.1 Concealed Fit End Caps - 30mm



	Concealed Fit 30x30mm	Concealed Fit 30x50mm	Concealed Fit 30x80mm	Concealed Fit 30x120mm
Used with	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System
System Component	End Cap	End Cap	End Cap	End Cap
Base Material	Aluminium	Aluminium	Aluminium	Aluminium
Profile Width (mm)	30	30	30	30
Length (mm)	30	50	80	120
Thickness (mm)	5	5	5	5
Stock Finish	Mill	Mill	Mill	Mill
Finish/Coating Range Options	Evoke, Meridian, Aurora, Lumi, Essentials			

2.0 Two-Piece Batten System

2.7.2 Concealed Fit End Caps - 50mm



	Concealed Fit 50x50mm	Concealed Fit 50x100mm	Concealed Fit 50x150mm	Concealed Fit 50x200mm
Used with	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System	Two-Piece Batten System
System Component	End Cap	End Cap	End Cap	End Cap
Base Material	Aluminium	Aluminium	Aluminium	Aluminium
Profile Width (mm)	50	50	50	50
Length (mm)	50	100	150	200
Thickness (mm)	5	5	5	5
Stock Finish	Mill	Mill	Mill	Mill
Finish/Coating Range Options	Evoke, Meridian, Aurora, Lumi, Essentials			

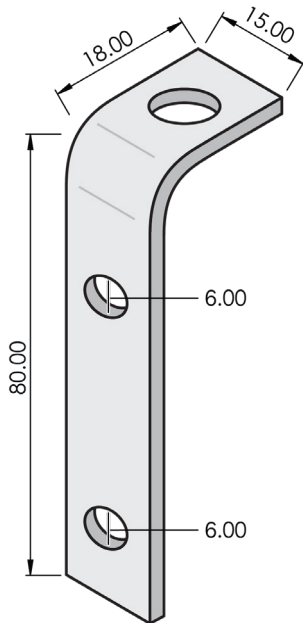
2.0 Two-Piece Batten System

2.8 Batten - Mounting Plates

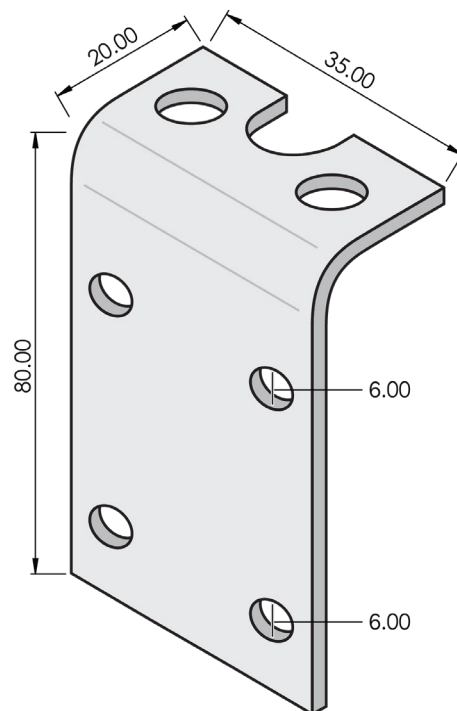
Mounting plates are used for floor to ceiling batten applications and are available in three sizes.

The 30mm Mounting Plate is to be used for the 30mm Batten Series. there is also a 50mm Mounting Plate is to be used for the 50mm Batten Series and a 50x50mm Mounting plate specific for the 50x50mm batten.

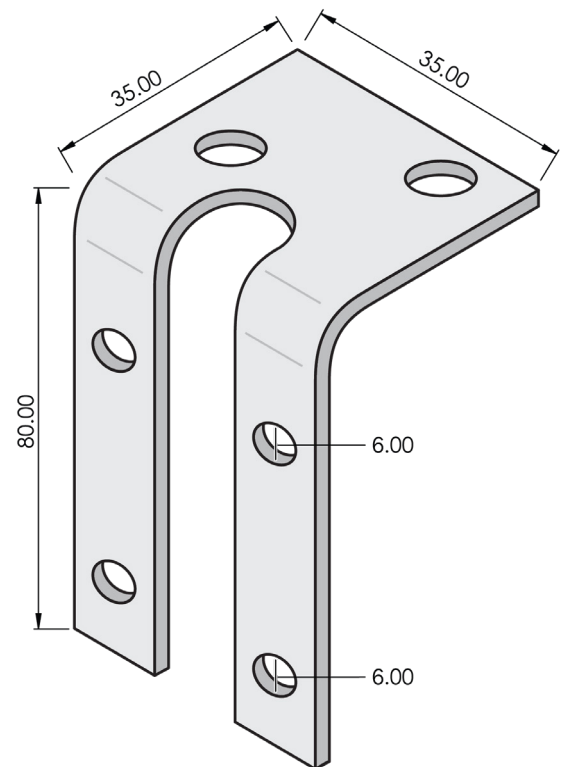
30mm Mounting Plate



50mm Mounting Plate



50x50mm Mounting Plate



	Mounting Plate - 30mm	Mounting Plate - 50mm	Mounting Plate - 50x50mm
Used with	30x30mm, 30x50mm, 30x80mm, 30x120mm Battens	50x100mm, 50x150mm, 50x200mm battens	50x50mm batten
System Component	Mounting Plate	Mounting Plate	Mounting Plate
Base Material	Galvanised Steel	Galvanised Steel	Galvanised Steel
Stock Finish	Mill	Mill	Mill
Finish/Coating Range Options	N/A	N/A	N/A

3.0 Interlocking Cladding System

Alteria Aluminium Cladding System uses an interlocking system that is direct fixed to top hats or timber studs. The Cladding System also includes cladding accessories that can be used for various applications to help support a seamless installation.

Claddings can be installed horizontally or vertically and are suitable for both internal and external applications.



Cladding - Vertical
Over Top Hats



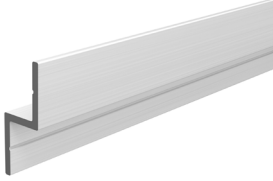





Cladding - Horizontal
Over Top Hats

3.0 Interlocking Cladding System

3.1 Core Components

Below highlights the core components of Alteria's Cladding System range.

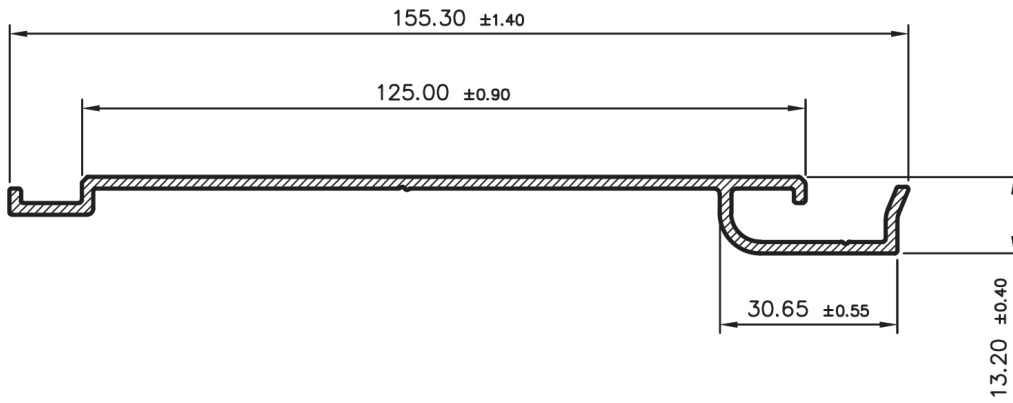
Product	Description	Sizes
Cladding Board 	Interlocking aluminium cladding board.	125mm x 6500mm 180mm x 6500mm
Starter Profile 	Cladding starter profile that is required at the bottom (for horizontal) or side (for vertical) of the wall to connect the first interlocking cladding board.	180mm x 6500mm
Z Support Profile 	Z profile that supports behind the cut edge of the cladding board and for various finishing detail applications.	6500mm length
Corner Profile - 2 Piece 	Reversible corner profile that is used to conceal both internal or external corner detail. Two-piece cladding profile comprising of a cover and base component.	6500mm length
Finisher Profile - 2 Piece 	Used to conceal the final cladding board at the top of the wall and for various finishing detail applications. Two-piece cladding profile comprising of a cover and base component.	6500mm length
Joiner Profile - 2 Piece 	Used to join the ends of two cladding boards. Two-piece cladding profile comprising of a cover and base component.	6500mm length

3.0 Interlocking Cladding Boards

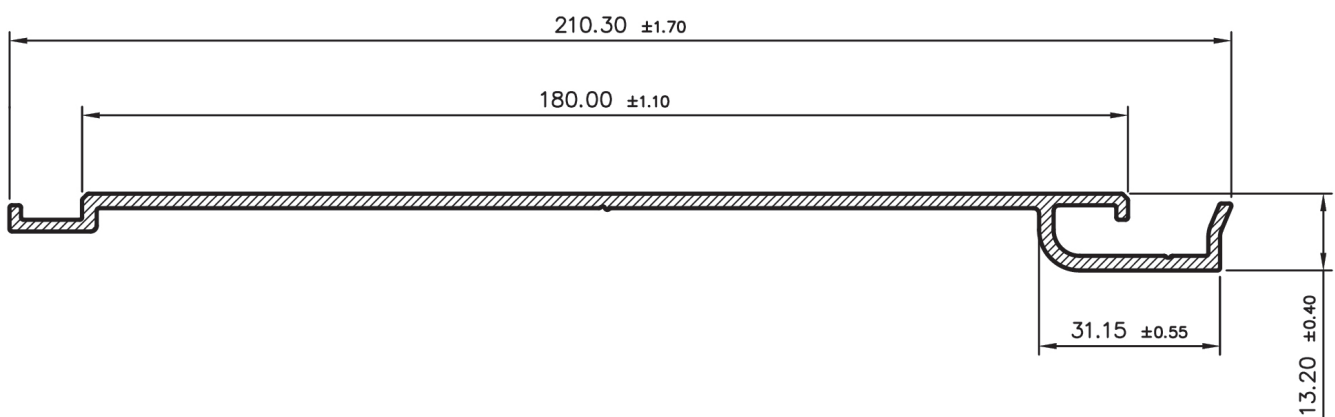
3.2 Cladding Boards

Alteria Aluminium cladding boards are available in two sizes. Each cladding board can be interlocked and creates a weather tight seal when installed correctly as per the install guide.

125mm Cladding Board



180mm Cladding Board



3.0 Interlocking Cladding Boards

3.2 Cladding Boards

	125mm Cladding Board	180mm Cladding Board
System	Interlocking Cladding System	Interlocking Cladding System
Base Material	Aluminium	Aluminium
Grade	6060 / T5 Temper	6060 / T5 Temper
Dimensional Tolerances	As per drawings	As per drawings
Other Tolerances	In Accordance to AS/NZS 1866:1997	
Material Standards	AS/NZS 1866:1997	
Cover (with Max. Shadow Joint)	133mm	188mm
Maximum Shadow Joint	8.5mm	8.5mm
Width	155.3mm	208.35mm
Height	13.2mm	13.2mm
Standard Length*	6500mm	6500mm
Thickness	2.0mm	2.0mm
Mass	1.05kg/m	1.62kg/m
Weight (Per Length)	6.83kg	10.53kg
Lineal Meters (Per m²)	7.49	5.3
Stock Finish	Mill	Mill
Finish/Coating Range Options	Evoke, Meridian, Aurora, Lumi, Essentials	
Fire Certifications	AS 1530.1-1994, AS/NZS 1530.3-1999. See Section 6 for fire performance results.	

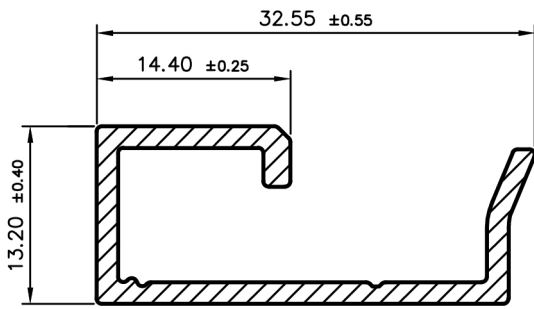
*Custom lengths available on request.

3.0 Interlocking Cladding Boards

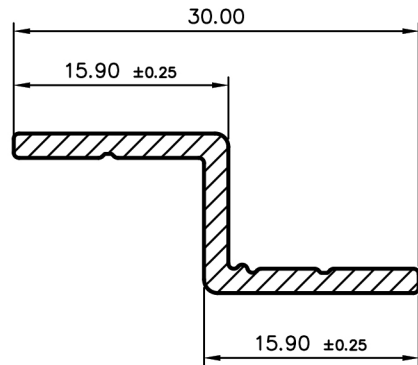
3.3 Cladding - Accessories

To ensure an easier and seamless installation, Alteria have developed proprietary profile trims and accessories. These include Starter and Finisher profiles, Joiner profiles and Corner Profiles suitable for Internal and External Corners. See Alteria Install guide more information on all available accessory profiles.

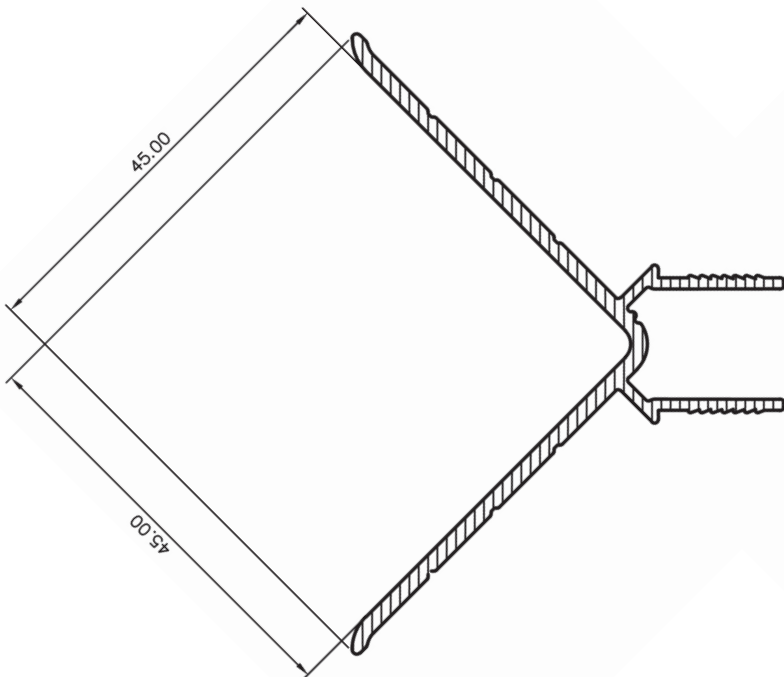
Starter Clip



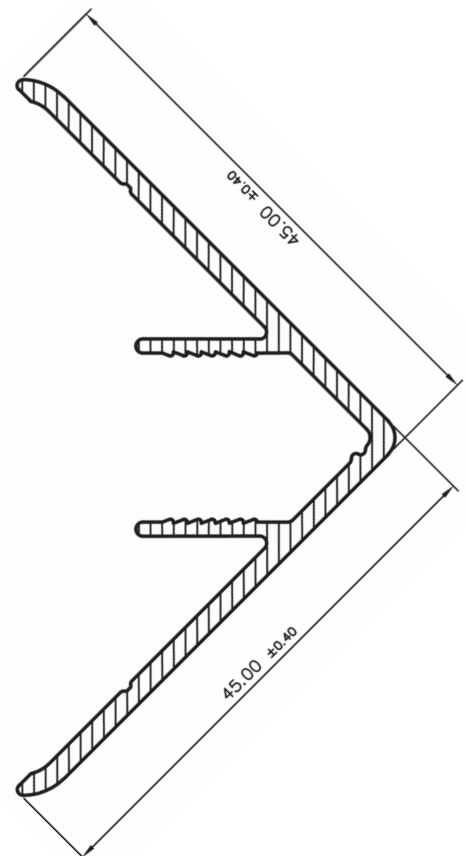
Z-Support Angle



Corner - Base



Corner - Cover

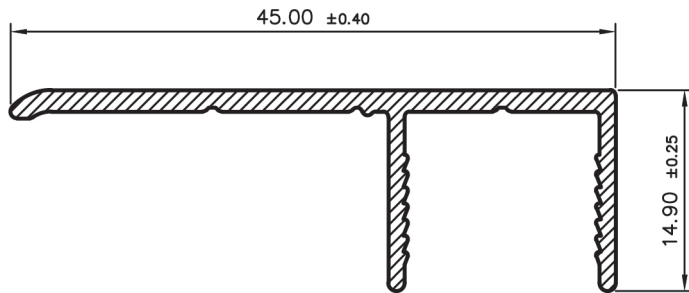


3.0 Interlocking Cladding Boards

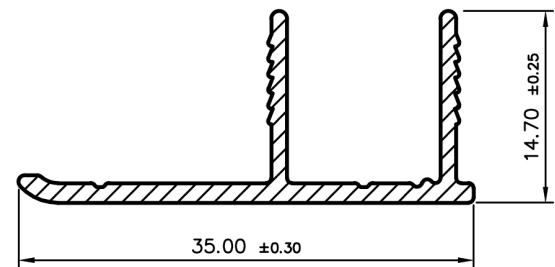
3.3 Cladding - Accessories

To ensure an easier and seamless installation, Alteria have developed proprietary trims and accessories profiles. These include Starter and Finisher profiles, Joiner profiles and Corner Profiles suitable for Internal and External Corners. See Alteria Install guide more information on all available accessory profiles.

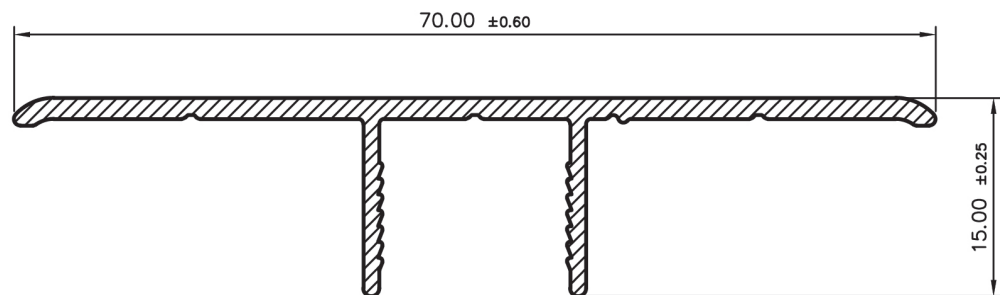
Finisher - Cover



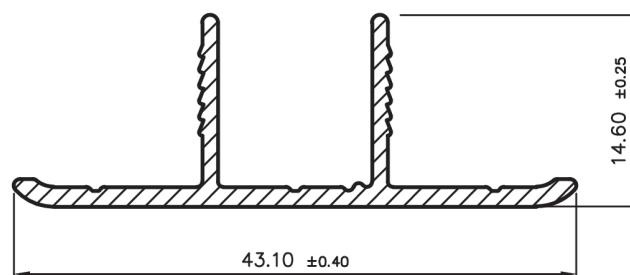
Finisher - Base



Joiner - Cover



Joiner - Base



3.0 Interlocking Cladding Boards

3.3 Cladding – Accessories

	Starter Clip	Corner - Cover	Corner - Base	Finisher - Cover	Finisher - Base	Joiner - Cover	Joiner - Base	Z - Support Angle
System	Interlocking Cladding System	Interlocking Cladding System	Interlocking Cladding System	Interlocking Cladding System	Interlocking Cladding System	Interlocking Cladding System	Interlocking Cladding System	Interlocking Cladding System
System Component	N/A	Female	Male	Female	Male	Female	Male	N/A
Base Material	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Grade	6060 / T5 Temper	6060 / T5 Temper	6060 / T5 Temper	6060 / T5 Temper	6060 / T5 Temper	6060 / T5 Temper	6060 / T5 Temper	6060 / T5 Temper
Dimensional Tolerances	As per drawings	As per drawings	As per drawings	As per drawings	As per drawings	As per drawings	As per drawings	As per drawings
Other Tolerances	In Accordance to AS/NZS 1866:1997							
Material Standards	AS/NZS 1866:1997							
Width	32.55mm	62mm	62mm	45mm	35mm	70mm	43.1mm	30mm
Height	13.2mm	32mm	47mm	14.9mm	14.7mm	15mm	14.6mm	11.8mm
Standard Length*	6500mm	6500mm	6500mm	6500mm	6500mm	6500mm	6500mm	6500mm
Thickness	1.6mm	1.8mm	1.8mm	1.6mm	1.5mm	1.6mm	1.5mm	1.8mm
Mass	0.30kg/m	0.51kg/m	0.56kg/m	0.28kg/m	0.23kg/m	0.39kg/m	0.26kg/m	0.19kg/m
Weight (Per Length)	1.95kg	3.32kg	3.64kg	1.82kg	1.50kg	2.54kg	1.69kg	1.24kg
Stock Finish	Mill	Mill	Mill	Mill	Mill	Mill	Mill	Mill
Finish/Coating Range Options	Evoke, Meridian, Aurora, Lumi, Essentials							
Fire Certifications	AS 1530.1-1994. Section 6 for fire performance results.							

*Custom lengths available on request.

4.0 Span Tables - Battens

Top Hat Span Tables for Alteria Aluminium Battens

Please refer to the current Alteria Installation Guide to view span table data.

The most current Installation Guide can be downloaded at alteria.com.au or please contact us directly.

4.0 Span Tables - Claddings

Top Hat Span Tables for Alteria Aluminium Cladding

Please refer to the current Alteria Installation Guide to view span table data.

The most current Installation Guide can be downloaded at alteria.com.au or please contact us directly.

5.0 Finishes

Alteria offers 5 different finish options within our batten and cladding range.

Alteria Finish Range	Evoke	Meridian	Aurora	Lumi	Essentials 25	Essentials 10
Powder Coat Technology	Interpon D2525 STF	Interpon D2525 WGF	Interpon D2525 Flat Matt	Interpon D2525 Futura	Interpon D2525 Futura	Interpon D1000
Powder Type	Powder Coat - Polyester					
Finish Effect	Wood-Look	Wood-Effect	Anodised-Look	Pearlescent	Solid Colour	Solid Colour
Coating Type	Sublimated Powder Coating	Powder on Powder Coating	Powder Coating	Powder Coating	Powder Coating	Powder Coating
Signature Warranty Level	Signature 15	Signature 25	Signature 25	Signature 25	Signature 25	Signature 10
Durability Warranty	15 years*	25 years	25 years	25 years	25 years	10 years
Colour Warranty	15 years*	15 years	15 years	15 years	15 years	10 years
System Warranty	15 years	15 years	15 years	15 years	15 years	15 years
Product Use	Any building, any height. All BCA classes.					Suitable for BCA Class 1 and 10 buildings.
Performance Specifications	AAMA2604, AS371					AAMA2603, AS3715, AS4506,
Coating Thickness	60 – 80 microns / 0.1mm					50 – 70 microns
Exterior Durability	5 years Florida exposure – AAMA 2604. Excellent Performance. Colour change $\Delta E < 5$, gloss retention $> 30\%$. Chalking – no $>$ no.8 ASTM D4214 - D659					AS3715. Excellent - pass after 12 months continuous exposure with no film breakdown or reduction in protective properties.
Colour Stability at Elevated Temperatures	Excellent for continuous exposure up to 120°C.					
Salt Spray	AAMA2604 Clause 7.8.2. ASTM B117 at 350C D1654. Pass at 3000 hrs. No corrosion $> 1-2$ mm from scribe. Minimum blister rating 8					AS3715 Section 2.5.10. Pass 1000 hours. No corrosion creep more than 2mm from scribe
Constant Humidity Resistance	AAMA2604 Clause 7.8.1. ASTM D2247, ASTM D714. Pass at 3000 hrs – blister formation $<$ "few" size no 8					AS3715 Section 2.5.7. Pass at 1000 hrs. No blistering or loss of adhesion
Permeability	AS3715 2002 Section 2.5.11. Pass					N/A
Sulphur Dioxide	ISO3231 (Kesternich). Pass - no blistering, loss of gloss or discolouration.					N/A
Chemical Resistance	Generally good resistance to acids, alkalis and oils at normal temperatures					N/A
Fire Properties - Coating Only	Interpon D2525 Flame Propagation Testing. AS/NZS 1530.3 – 1999. Spread of Flame – 0. Heat Evolved Index – 0 See Section 6.0 for full Alteria fire performance details					

Interpon Product Data Sheets and Material Safety Data Sheets available on request.

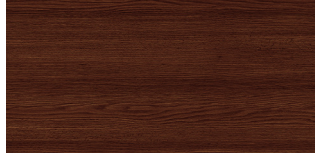
* Refer to Alteria Warranty document for full details.

5.0 Finishes

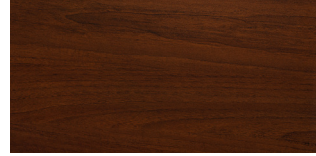
5.1 Evoke Range

The Evoke range offers a striking wood-look powder coat finish that is beautiful, realistic and extremely low maintenance.

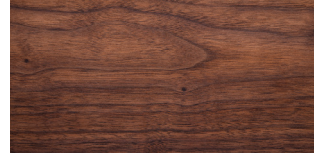
5.1.1 Finish Colours



American Walnut



Black Walnut



Spotted Gum



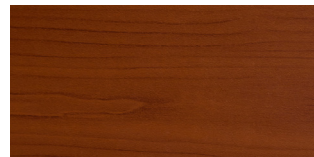
Spruce



Dark Ash



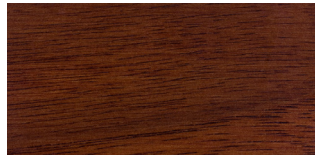
Driftwood



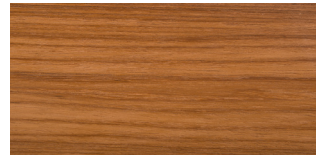
Western Red Cedar



White Oak



Ironbark



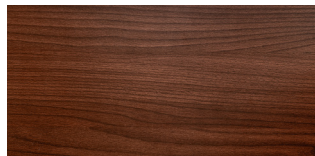
Natural Oak



Cuban Cedar



Cypress Pine



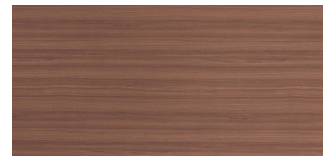
Queensland Kwila



Silver Acacia



Ebony Blackwood



European Oak



Tasmanian Oak



True Fir



Natural White Ash



Osage

5.1.2 Finish Colour Properties

Finish Name	Colour Code	Finish
White Oak	AE101S	Wood-Look
Spruce	AE102S	Wood-Look
Osage	AE103S	Wood-Look
Natural White Ash	AE104S	Wood-Look
Driftwood	AE105S	Wood-Look
European Oak	AE106S	Wood-Look
Silver Acacia	AE107S	Wood-Look
Natural Oak	AE108S	Wood-Look
Tasmanian Oak	AE109S	Wood-Look
Cypress Pine	AE110S	Wood-Look

Finish Name	Colour Code	Finish
True Fir	AE111S	Wood-Look
Cuban Cedar	AE112S	Wood-Look
Western Red Cedar	AE113S	Wood-Look
Ironbark	AE114S	Wood-Look
American Walnut	AE115S	Wood-Look
Black Walnut	AE116S	Wood-Look
Queensland Kwila	AE117S	Wood-Look
Spotted Gum	AE118S	Wood-Look
Dark Ash	AE119S	Wood-Look
Ebony Blackwood	AE120S	Wood-Look

5.0 Finishes

5.2 Meridian Range

The Meridian range offers a beautiful wood-effect that provides maximum durability and realistic definition.

5.2.1 Finish Colours



American Red



Ashen



Auburn



Autumn Oak



Brown Ash



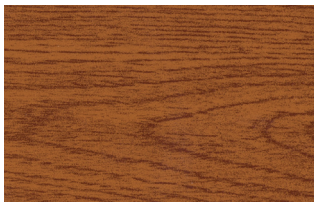
Charcoal



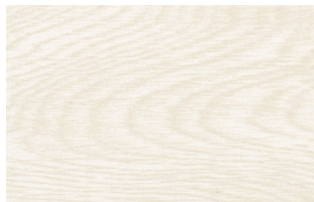
Chocolate Oak



Dark Oak



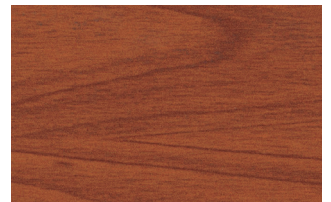
Golden Oak



Ivory Oak



Light Ash



Red Cedar

5.2.2 Finish Colour Properties

Finish Name	Colour Code	Finish
Ivory Oak	AM201P	Wood-Effect
Light Ash	AM202P	Wood-Effect
Ashen	AM203P	Wood-Effect
American Red	AM204P	Wood-Effect
Brown Ash	AM205P	Wood-Effect
Golden Oak	AM206P	Wood-Effect
Auburn	AM207P	Wood-Effect
Red Cedar	AM208P	Wood-Effect
Autumn Oak	AM209P	Wood-Effect
Chocolate Oak	AM210P	Wood-Effect
Dark Oak	AM211P	Wood-Effect
Charcoal	AM212P	Wood-Effect

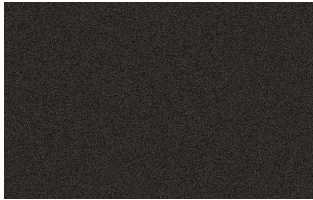
5.0 Finishes

5.3 Aurora Range

The Aurora range includes an alluring selection of anodised-look colours with a beautiful metallic flat matt finish.

This range uses Interpon Flat Matt, a series of advanced durability powder coatings specifically designed to give a low gloss “anodised” appearance on architectural aluminium components. Providing outstanding weathering resistance, Interpon Flat Matt typically exceeds the requirements of AAMA2604.

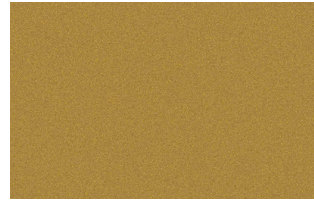
5.3.1 Finish Colours



Black Shimmer



Deep Bronze Shimmer



Gold Rush Glow



Golden Glitz



Latte Glow



Linen Shimmer



Mid Bronze Shimmer



Scintillating Champagne

5.3.2 Finish Colour Properties

Finish Name	Colour Code	Finish	R	G	B	LRV
Linen Shimmer	AA301FM	Flat Matt	222	224	218	73%
Gold Rush Glow	AA302FM	Flat Matt	169	141	95	27%
Golden Glitz	AA303FM	Flat Matt	133	119	92	22%
Scintillating Champagne	AA304FM	Flat Matt	135	127	114	25%
Latte Glow	AA305FM	Flat Matt	103	99	88	15%
Mid Bronze Shimmer	AA306FM	Flat Matt	87	80	66	11%
Deep Bronze Shimmer	AA307FM	Flat Matt	67	65	56	6%
Black Shimmer	AA308FM	Flat Matt	48	53	51	4%

5.0 Finishes

5.4 Lumi Range

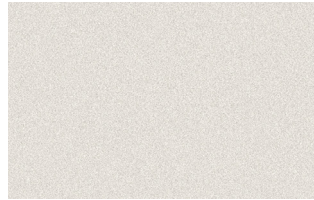
Our Lumi range offers a decorative collection of pearlescent colours with a shimmering matt finish.

This range uses Interpon D2525 Futura™ is a series of advanced durability powder coatings specifically designed for use on architectural aluminium components. Providing new levels of weathering resistance, Interpon D2525 Futura™ typically exceeds the requirements of AAMA2604.

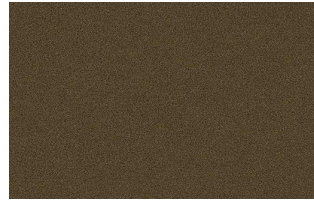
5.4.1 Finish Colours



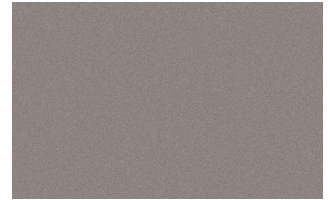
Ash Pearl



Dove Grey Pearl



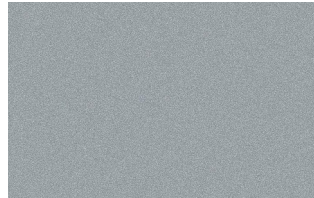
Espresso Bronze Pearl



Pearl Champagne



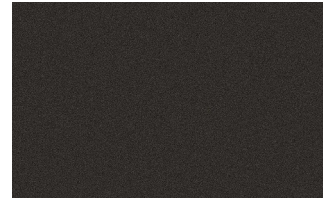
Pebble Pearl



Silver Pearl



Slate Bronze Pearl



Steel Pearl

5.4.2 Finish Colour Properties

Finish Name	Colour Code	Finish	R	G	B	LRV
Silver Pearl	AL401M	Matt	177	182	178	42%
Dove Grey Pearl	AL402M	Matt	178	180	172	41%
Pebble Pearl	AL403M	Matt	173	164	144	36%
Pearl Champagne	AL404M	Matt	154	138	126	29%
Steel Pearl	AL405M	Matt	97	101	96	13%
Ash Pearl	AL406M	Matt	63	65	62	6%
Slate Bronze Pearl	AL407M	Matt	93	93	88	13%
Espresso Bronze Pearl	AL408M	Matt	77	71	56	8%

5.0 Finishes

5.5 Essentials 25 Range

The Essentials 25 Range includes a selection of Colorbond and solid colours with an advanced durable finish.

This range uses Interpon D2525 Futura™ and offers a series of advanced durability powder coatings specifically designed for use on architectural aluminium components. Providing new levels of weathering resistance, Interpon D2525 Futura™ typically exceeds the requirements of AAMA2604.

5.5.1 Finish Colours



Basalt®



Charcoal



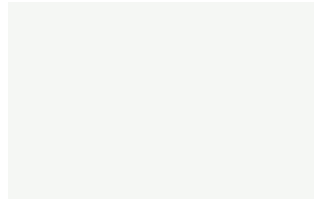
Drift Grey



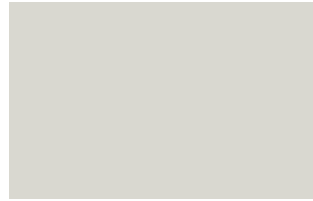
Monument®



Night Sky®



Pearl White



Surfmist®



Woodland Grey®

5.5.2 Finish Colour Properties

Finish Name	Colour Code	Finish	R	G	B	LRV
Pearl White	AE501M	Matt	249	255	255	89%
Surfmist®	AE502M	Matt	214	218	212	71%
Drift Grey	AE503M	Matt	208	213	210	58%
Woodland Grey®	AE504M	Matt	86	89	83	12%
Basalt®	AE505FM	Flat Matt	82	87	8	12%
Monument®	AE506M	Matt	62	59	56	8%
Charcoal	AE507M	Matt	60	67	69	6%
Night Sky®	AE508M	Matt	49	54	51	4%

5.0 Finishes

5.6 Essentials 10 Range

The Essentials 10 range includes a selection of Colorbond and solid colours with durable finish and a 10 year warranty.

This range uses Interpon D1000 and is designed for the exterior environment offering excellent long term light and weather resistance. Interpon D1000 is designed to meet or exceed the performance requirements of AS3715.

5.6.1 Finish Colours



Basalt®



Charcoal



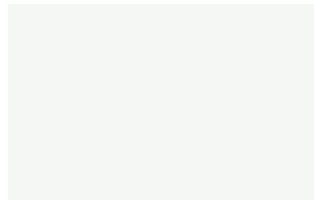
Drift Grey



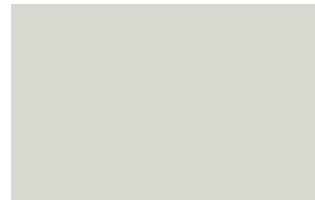
Monument®



Night Sky®



Pearl White



Surfmist®



Woodland Grey®

5.6.2 Finish Colour Properties

Finish Name	Colour Code	Finish	R	G	B	LRV
Pearl White	AE501M-10	Gloss	249	255	255	89%
Surfmist®	AE502M-10	Matt	214	218	212	71%
Drift Grey	AE503M-10	Matt	208	213	210	58%
Woodland Grey®	AE504M-10	Matt	86	89	83	12%
Basalt®	AE505M-10	Matt	82	87	8	12%
Monument®	AE506M-10	Matt	62	59	56	8%
Charcoal	AE507M-10	Satin	60	67	69	6%
Night Sky®	AE508M-10	Matt	49	54	51	4%

6.0 Fire Performance

Aluminium Extrusions & Finishes

Product tested	Standard tested to:	Result	Report No.
Aluminium (Batten & Cladding System Range)	AS 1530.1-1994	Deemed Not Combustible as specified by clause 3.4.	Test Report No: FNC12996 - CSIRO
Aluminium with Evoke Finish	AS 1530.3-1999	Spread of Flame Index: 0 Heat Evolved Index: 0 Smoke Developed Index: 2	Test Report No: FNE13007 - CSIRO
Aluminium with Meridian, Aurora, Lumi or Essentials Finish	AS 1530.3-1999	Spread of Flame Index: 0 Heat Evolved Index: 0 Smoke Developed Index: 3	Test Report No. 16-005953 - AWTA Test Report No. 16-001244 - AWTA

Contact Alteria if additional fire performance information is required.

7.0 Care & Maintenance

Cleaning should start at the time the products are installed, ensuring that construction materials such as concrete, plaster and paint splashes are removed before they have a chance to dry.

The frequency of cleaning depends in part on the standard of appearance that is required and also the need to remove deposits that could cause damage during prolonged contact with either the powder film or the metal substrate (if exposed).

Please Refer to the table below for recommended cleaning requirements. The classification of exterior environments is as defined in AS4312- 2008.

Refer to the Alteria Care & Maintenance Guide for full cleaning requirements.

Category (AS4312)	Corrosivity Level	Environmental Type	Minimum Cleaning Requirements
C1 & C2	Very Low & Low	Non-hazardous Environment	Every 12 months
C3/T	Medium	Typical Environment	Every 12 months
C4	High	Swimming & Leisure Pools / Light Industrial	Every 6 months
C4	High	Coastal Environment	Every 6 months
C5-M	Very High	Beach Front / Marine	Every 3 months
C5-I	Very High	Heavy Industrial Environment	Every 3 months

If you are unsure as to what conditions your project fits into, please contact Alteria.

Disclaimer

The information in this document is a guide only. It is intended for use by builders, cladding installers and other contractors who may be involved with the installation of the Alteria Aluminium fixing system.

If you are an installer ensure that you follow the design, moisture management detail, preparation requirements and materials as set out by the designer. If you are a specifier or a responsible party for the project, please ensure the information in this manual is appropriate for the application you are planning.

As all project conditions are unique, there are likely to be variations to how this product is used, which can affect the use and quality of the products, as such no warranty is given or implied with respect to such situations.

As most of our projects are supply only, we do not have access to all details relating to the final product application, and as such, we can not be held liable for ensuring "fit for purpose" on any given project.

This document is for technical advice only. Alteria cannot accept liability for any inaccurate information within this document or the consequential losses that occur as a result.

Alteria's policy is on of continuous improvement. We therefore reserve the right to alter specifications at any time and without notice. Colours and textures may vary according to light and weather conditions. Owing to this and limitations of the printing process, colours in this brochure may vary.

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In case of doubt, please contact Alteria.

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