

# ZINTL®



PREMIUM INTERLOCKING  
ALUMINIUM CLADDING SYSTEM

# ZINTL® BENEFITS

## Customisable

With its six 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 FP1.4 for weatherproofing ZINTL® has been tested to AS4284 and meets the criteria of the FP1.4 performance requirement for weatherproofing.

## Australian Made and Owned®

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

## Easy to install

ZINTL®'s interlocking system is easy to use, which means faster installation, improved site costs and superb alignment.

## 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.



# DESIGN PERFORMANCE

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, certified 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® TECHNICAL DATA SHEET

Properties	Units	Values
Alloy		6063
Temper		T5
Standard thickness	mm	1.4 - 2.2
Painted weight	kg/m <sup>2</sup>	0.642kg/m to 1.575kg/m
Raw density	kg/m <sup>3</sup>	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 FP1.4 performance requirement criteria for weatherproofing.

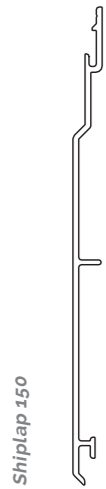
Properties	Result		
AS1530.1	Non-combustible		
AS1530.3	Pass	Ignitability index	0
	Pass	Heat evolved	0
	Pass	Spread of flame	0
	Pass	Smoke developed	3
As4284	Meets FP1.4 criteria		

# ZINTL® SYSTEMS AND PROFILES



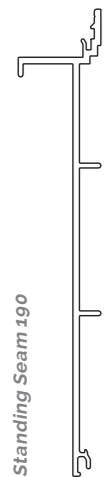
## Linea Series 190 / 300

- 190mm and 300mm finished face
- Horizontal and vertical install
- Sleek and contemporary flat board appearance
- 3.5m, 5.0m and 6.5m lengths



## Shiplap Series 150 / 200

- 150mm and 200mm finished face
- Horizontal and vertical install
- Contemporary, traditional weatherboard appearance
- 3.5m, 5.0m and 6.5m lengths



## Standing Seam Series 190 / 300

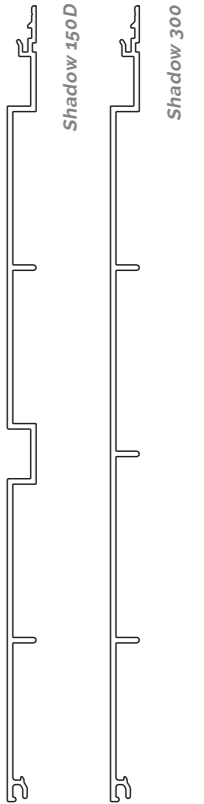
- 190mm and 300mm finished face
- Vertical install only
- A vertical interlocking profile with single standing seam
- 3.5m, 5.0m and 6.5m lengths



## Shadow Series 150 / 150D / 200 / 250 / 300

- 150mm, 200mm, 250mm and 300mm finished face
- Horizontal and vertical install
- A flat continuous board with negative detail
- 3.5m, 5.0m and 6.5m lengths

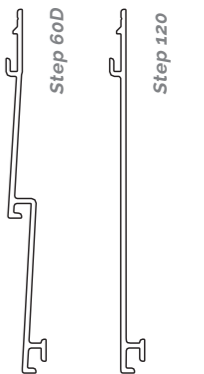
*D* - denotes a double pattern



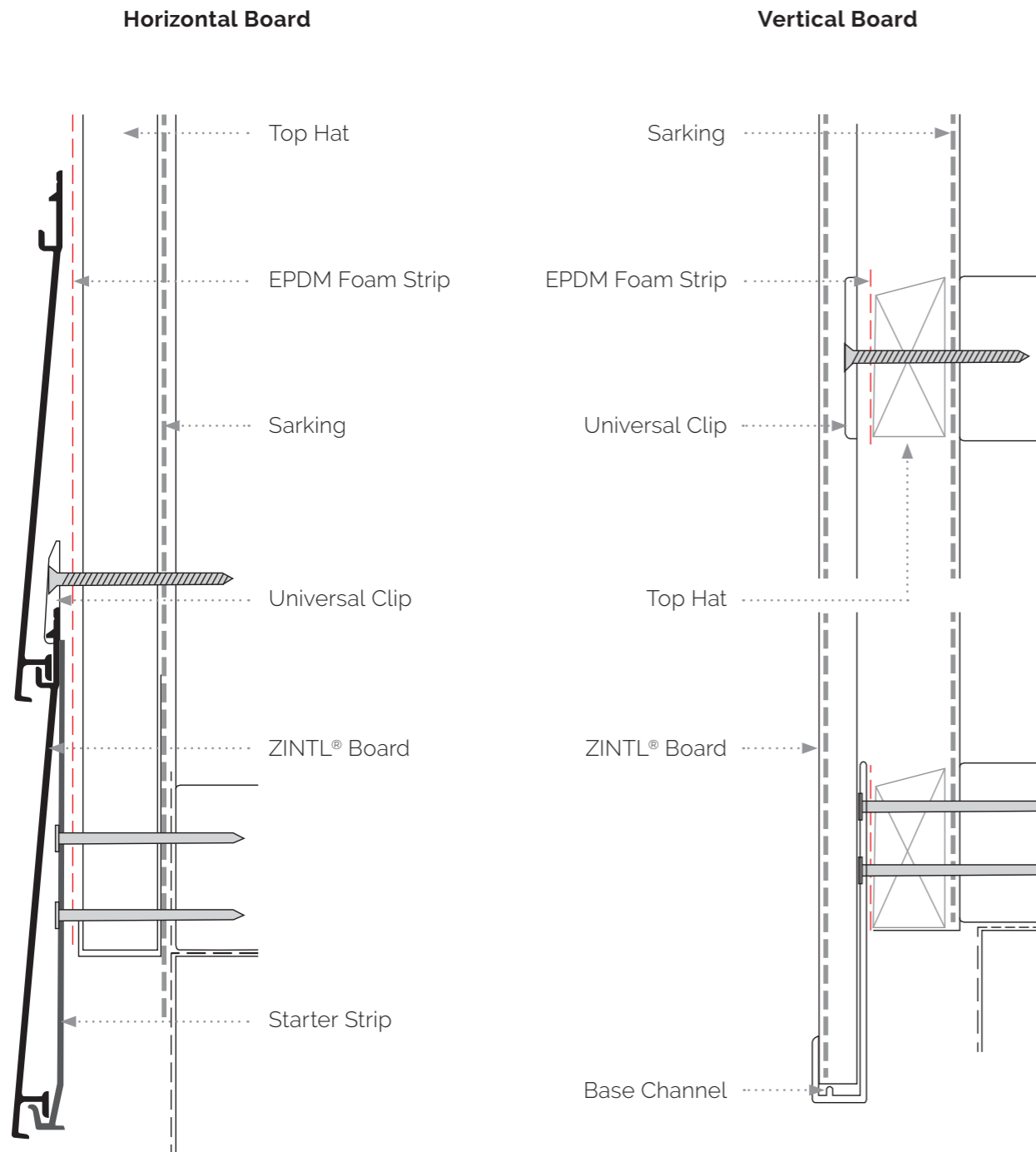
## Step Series 60D / 120 / 150

- 120mm and 150mm finished face
- Horizontal install only
- Stepped weatherboard appearance
- 3.5m, 5.0m and 6.5m lengths

*D* - denotes a double pattern



# FIXING DETAILS



# ezy HD<sup>2</sup>



Australian Made and Owned®, ZINTL®, Premium Interlocking Cladding System uses ezy HD<sup>2</sup> technology that will provide architects with a realistic look and feel and a superior exterior performance.

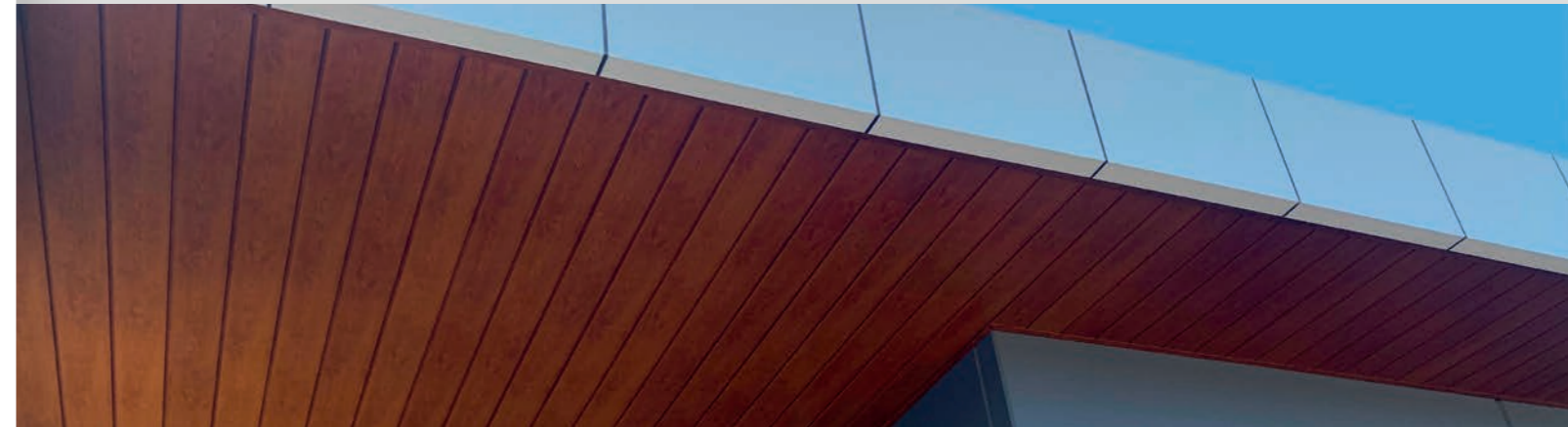
product. ezy HD<sup>2</sup> is the only wood effect coating in Australia that can offer a 15-year colour and 25-year film integrity warranty for both the base coat and the grain coat.

ezy HD<sup>2</sup> wood effect coating provides maximum definition and durability using the advance powder-on-powder coating system. This system is unique to the Australian market and produces a finish with a realistic woodgrain look and feel.

Powder coatings that pass AAMA2604 standards are highly recommended for installations in coastal areas, in environments with high humidity, pollution and salinity and in all areas characterised by exposure with annual average solar radiation from moderate to extreme, ideal for the Australian landscape.

ezy HD<sup>2</sup> finishing was created from technology developed and patented in Italy for the decoration and protection of architectural aluminium with a natural wood effect. ezy HD<sup>2</sup> is the first system to obtain a realistic wood effect coating using a powder-on-powder process that ensures high definition and a highly durable finish for your

The powder-on-powder process is more durable and less subject to differential fading in comparison to the wood effect products obtained by the sublimation wood effect finish. This is because the grain is the same product and same quality as the base coat ensuring that they both weather at the same time.



## 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.

## A SUSTAINABLE CHOICE

ZINTL® aluminium cladding is an excellent choice to enhance the sustainability of buildings due to its exceptional corrosion resistance and recyclability.

Our ZINTL® solid aluminium boards are 100% recyclable, offering an eco-friendly solution. Up to 95% less energy is required in the recycling of aluminium in comparison to other primary metals, ensuring a reduction in emissions.

# ZINTL®

PREMIUM INTERLOCKING  
ALUMINIUM CLADDING SYSTEM



CERTIFIED  
NON-COMBUSTIBLE  
TO AS1530.1



100% RECYCLABLE

By **HVG** façades

[hvgfacades.com.au](http://hvgfacades.com.au) | 1300 881 712

**SYDNEY**  
29 Henderson Street  
Turrella NSW 2205

**MELBOURNE**  
25 West Park Drive  
Derrimut VIC 3026

**BRISBANE**  
128 Mica Street  
Carole Park QLD 4300

**PERTH**  
72 Bushland Ridge  
Bibra Lake WA 6163

**ADELAIDE**  
57 Barnes Avenue  
Marleston SA 5033