

TECHNICAL DATASHEET

# Click-on Cladding



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With non-combustible metal cladding being a competitive market due to recent regulatory changes all over the world, we have developed our Click-on Cladding system to offer a range of unique benefits.

Taking an architectural idea and developing a system to deliver it is a strength of ours at Sculptform. Our unique connection technologies allow us to give designers freedom while ensuring their creations remain buildable. Our latest innovation, Click-on Cladding, provides a neat cladding look while allowing for massive flexibility in design options.

## How it works

Our Click-on Cladding range combines traditional tongue and groove cladding methodology and our unique clip connections.

Mounting tracks are fixed to the substrate and have pre-indexed clips set in place to attach the cladding boards too. Once the tracks are installed, each board clicks into place – With the clip connection serving in the place of a traditional fixing. This method allows for fast, accurate installation while eliminating the risk of incremental creep.



## Product Specifications

|                            |  |   |
|----------------------------|--|---|
| <b>Product Name</b>        | Click-on Cladding  |   |
| <b>Material</b>            | Extruded Australian Aluminium  |   |
| <b>Alloy/Temper</b>        | 6060 - T6  |   |
| <b>Lengths</b>             | Up to 6.2m   |   |
| <b>Profiles/Sizes</b>      | 72x12mm Flat<br>150x12mm Flat<br>300x12mm Flat   | 75x15mm Flute<br>150x15mm Flute<br>60x15mm Double Flute<br><br>For more information on these profiles see page 4-5. |
| <b>Mounting Track span</b> | 600mm for interior and exterior  |   |
| <b>Mounting Track</b>      | Diecast Aluminium (ADC12)  |   |
| <b>Fire</b>                | Sculptform Aluminium achieves a Group 1 rating as per Section 9 (n) of AS 5637.1-2015, the determination of the group number is based on the AS/NZS 3837-1998 test, and is deemed valid in the cone calorimeter for the assignment of National Construction Code (NCC) group number.<br>View our certificates <a href="#">here</a> . |   |
| <b>Combustibility</b>      | The material is NOT deemed COMBUSTIBLE according to the test criteria specified in Clause 3.4 of AS 1530.1-1994.<br>View our certificate <a href="#">here</a> .  |   |
| <b>Finishes Available</b>  | Anodised, Powder coated, Wood Finish Aluminium, Real Timber Veneer. See page 6 or visit <a href="http://sculptform.com.au">sculptform.com.au</a> for our full range of available colours.  |   |
| <b>Warranty</b>            | 10 year manufacturer's warranty for exteriors<br>15 year manufacturer's warranty for interiors   |   |

## Profiles/Sizes - Flat

### 75mm x 12mm Flat



| Weight                              | Wall thickness | Convex radius | Concave radius | Shadowline |
|-------------------------------------|----------------|---------------|----------------|------------|
| 0.58kg lm.<br>7.73kg m <sup>2</sup> | 1.6mm          | 300mm         | 950mm          | 5m         |

### 150mm x 12mm Flat



| Weight                              | Wall thickness | Convex radius | Concave radius | Shadowline |
|-------------------------------------|----------------|---------------|----------------|------------|
| 0.98kg lm.<br>6.53kg m <sup>2</sup> | 1.8mm          | 600mm         | 800mm          | 5m         |

### 300mm x 12mm Flat



| Weight                              | Wall thickness | Convex radius | Concave radius | Shadowline |
|-------------------------------------|----------------|---------------|----------------|------------|
| 2.62kg lm.<br>8.73kg m <sup>2</sup> | 3mm            | 1200mm        | 1500mm         | 5m         |

## Profiles/Sizes - Flute

### 75mm x 15mm Flute



| Weight                              | Wall thickness | Convex radius | Concave radius | Shadowline |
|-------------------------------------|----------------|---------------|----------------|------------|
| 0.61kg lm.<br>8.13kg m <sup>2</sup> | 1.6mm          | 300mm         | 950mm          | 5m         |

### 150mm x 15mm Flute



| Weight                              | Wall thickness | Convex radius | Concave radius | Shadowline |
|-------------------------------------|----------------|---------------|----------------|------------|
| 1.01kg lm.<br>6.73kg m <sup>2</sup> | 1.8mm          | 600mm         | 800mm          | 5m         |

### 60mm x 15mm Double Flute



| Weight                           | Wall thickness | Convex radius | Concave radius | Shadowline |
|----------------------------------|----------------|---------------|----------------|------------|
| 0.54kg lm.<br>9kg m <sup>2</sup> | 1.6mm          | 200mm         | 1900mm         | 0m         |

## Finishes

### Real Timber Veneer



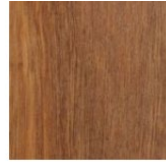
Walnut



White Oak



Blackbutt



Spotted Gum

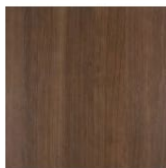
### Wood Finish Aluminium



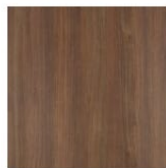
Smoked Oak



Chocolate Oak



Walnut



Rivergum



Blackbutt



Spotted Gum



Greywash Oak



White Oak



Whitewash  
Blackbutt



Whitewash Oak

### Powder coat

Our full range can be found [here](#). We have the ability to colour match. Contact us if you require a custom colour. More information about powder coat finishes can be found on our [website](#).

### Anodised

Our full range can be found [here](#). More information about anodised finishes can be found on our [website](#).

## **Maintenance and Cleaning**

Aluminium is a relatively low maintenance solution for any application. Maintenance largely depends on the degree of exposure, location of the project, and the coating used. Generally, no cleaning is required; however a typical schedule could include a visual inspection every 12 months to ensure there are no adverse environmental effects.

Surface dirt/dust, spider webs, bird droppings, rain spots and other debris, while not harmful can be unattractive and reduce the visual impact. A soft bristle broom or brush can be used to wipe the facade. Water can be used to aid the process but do not use harsh chemical cleaners as in some cases, coated layers can be removed.

## **Sustainability**

Aluminium is arguably the most sustainable building material in the world and is also highly recyclable. The recycling process creates high quality aluminium which loses none of the physical properties of primary aluminium, meaning that it can be endlessly recycled for use as new products without losing physical quality. By using aluminium products you are choosing a material whose production has minimal long term impact to the environment, is sustainable in terms of hundreds of years and endlessly recyclable.

## **Enquiries**

More information is obtained on a project specific basis. For further information about our Click-on Cladding system or any other Sculptform products please visit [sculptform.com.au](https://sculptform.com.au) or email [support@sculptform.com.au](mailto:support@sculptform.com.au)

