

Residential and light commercial external wall cladding system

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LOW

## Minimum level of assurance to meet the performance requirements of the NZ Building Code (NZBC)

Supporting documentation should include technical information by manufacturer



Kaufman Industries confirms that this minimum level of assurance has been met or exceeded by the following:

Huber Laboratories Limited:

[Appraisal 555/2012](#)

## Product Description

Melton aluminium cladding is an inter-locking powder coated weatherboard system. It is designed to be used as an external wall cladding system for residential and light commercial type buildings where domestic construction techniques are used. The system consists of horizontally fixed Melton weatherboards (traditional and shadowclad), internal and external corner mouldings, starter strips, jointers, jamb flashings and accessories. The system is applied directly to the external framing over an absorbent underlay and incorporates head, sill and jamb flashings for all wall penetrations.

## Design Guidelines

Refer to Kaufman Industries Melton Product Guide for design parameters, and tables of maximum stud spacings for each wind zone from low to extra high. Selection of the correct grade of material and surface coating is essential to ensure that the cladding is installed and finished to perform to meet the requirements of the NZBC and the prevailing environmental conditions.

## Environmental

Environmental category literature is available at [www.kaufman.co.nz](http://www.kaufman.co.nz)

Kaufman Industries operates a zero waste policy. Any unused product may be returned to Kaufman Industries for recycling.



**MSDS**

[View Material Safety Data Sheet](#)

## Quality Assurance



ISO 9001 Certified System



New Zealand Made



Environmental Choice New Zealand



### Product Information Links



[Technical Data](#)



[Drawings](#)



[Installation Instructions](#)



[Maintenance](#)



[Environmental Information](#)

### Company Contact Details



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## Performance Statement

### Scope

The Kaufman Industries Melton aluminium cladding system will meet the performance requirements of the NZBC within the following scope:

- The scope limitations of NZBC acceptable solution E2/AS1 Paragraph 1.1; and,
- Installed over timber framing complying with NZS 3604; and,
- With a risk score of 0-12, calculated in accordance with NZBC acceptable solution E2/AS1, Table 2; and,
- Situated in NZS 3604 wind zones up to and including Extra High.

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 STRUCTURE:** Performance B1.3.1, B1.3.2, B1.3.3, and B1.3.4.
- **Clause B2 DURABILITY:** Performance B2.3.1 (b).
- **Clause E2 EXTERNAL MOISTURE:** Performance E2.3.2 .2.
- **Clause F2 HAZARDOUS BUILDING MATERIALS:** Performance F2.3.1.

### Notes

Performance B2.3.1 (b) – 15 years

### Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

- E2/AS1 External moisture

### Supporting evidence

The product has and can make available the following additional evidence to support the above statements:



Huber Laboratories Limited  
[Appraisal 555/2012](#)

### Special Conditions

#### Installation requirements

Refer to Kaufman Industries technical literature.

#### Special requirements

Installation must be by Kaufman Industries licensed installers.

Melton aluminium cladding is designed for use with aluminium window and door joinery with vertical jambs and horizontal sills and heads, where the joinery meets the requirements of NZS 4211 for the relevant wind zones.

#### Maintenance requirements

Refer to Kaufman Industries technical literature. To meet the requirements of NZBC B2 Durability ensure that all wall areas receive regular rain washing, or where sheltered, annual washing with fresh water to remove accumulated debris or surface deposits.

Maintenance guides are available from [www.kaufman.co.nz](http://www.kaufman.co.nz) and should be consulted to ensure that any company warranty conditions are fulfilled.

20 years manufacturer's warranty (refer to [www.kaufman.co.nz](http://www.kaufman.co.nz) for details).



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### Disclaimer

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