

Modular Entrance Matting System

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## Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



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

AWTA Product Testing

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### Company Contact Details



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## Technical Statement

### Product Description

MODUL is an attractive, new modular entrance mat, designed and manufactured in New Zealand.

Interlocking tiles are made from high density PVC, with special fire retardant European manufactured rigid polypropylene infills. The design incorporates multiple water drain channels, which effectively divert water away from the surface to prevent recontamination of footwear, so interiors stay clean, dry and safe. Rigid infills and scraper bars remove dirt from foot traffic.

Modular tiles are 500mm x 250mm x 10mm. This extra low profile enables flush fitting with most modern floor coverings without the need for creating a set-down. If there is no set down, Modul can be supplied with low rise ramping on one or more sides

The flooring is 'closed' construction, which does not permit soiling of the underside of the mat, so no uplifting is required for cleaning.

Rigid PVC tile base moulds to floor surfaces. Installation is easy and cutting perimeter modules to size can be carried out on site.

### Scope of use

MODUL can be used anywhere inside at points of entry, from the smallest of entries such as shops, offices etc., through to the largest, eg. shopping malls, airports and Universities.

### 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 B2 Durability:** Performance B2.3.1(c)
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(b)
- **Clause D1 Access routes:** Performance D1.3.1(b), D1.3.3(b), D1.3.3(d)
- **Clause F2 Hazardous building materials:** Performance F2.3.1

### Notes

Fire Safety tested EN ISO 9239-1 (2010) CRF 4.1Kw/m<sup>2</sup>

Slip resistance Exceeds minimum slip resistance of 0.4 in both wet and dry conditions

### Evidence

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

Fire safety test results by AWTA Product Testing.

See <https://www.alumat.co.nz/wp-content/uploads/2019/01/modular-mat-fire-safety-test.pdf>

### Supporting Evidence

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

AWTA Product Testing

[Michael A Jackson - 18-000479](mailto:Michael.A.Jackson@alumat.co.nz)

## Product Criteria

### Design requirements

Modul is a low profile interlocking modular entrance mat designed to cope with heavy loading without distortion. Installation of interconnecting modules enables large and irregular shapes to be installed quickly and easily even in confined spaces.

Low profile of just 10mm enables flush fitting with most adjacent floor coverings without the need for creating a mat well.

## Installation requirements

Floor surface should be clean and level prior to installation. Whole 500mm x 250mm connecting tiles are placed with a rubber mallet, and surrounding perimeter tiles can be cut to size and fitted.

## Maintenance requirements

Surface should be vacuum cleaned daily. Periodically steam or pressure cleaning can be undertaken.

Damaged tiles can be replaced separately if required.

## Warrantees

Modul has a five year warranty subject to reasonable wear and tear.

## Company Product Information

### Environmental

pVC tile bases are recyclable.

### Relationships



New Zealand Made



Date last validated: **18 September 2019**



Date last updated: **18 September 2019**

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