

Aluminium bar and infill entrance matting with open draining channels. 10mm deep with ramp option

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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:

Universiteit Gent

[Prof Paul Keikens - 14-456A](#)



The following information has been provided by ALUMAT demonstrating how this product complies with the [Building Product Information Requirements](#).

## Technical Statement

### Product Class

CLASS 2

### Product Description

Alumat 10 DO is a heavy duty aluminium and polypropylene infill entrance matting system, specifically designed for busy commercial entrances. Non shrinking tight loop polypropylene infills are hard wearing and designed to keep performing.

Alumat 10D is specifically designed for use over a fully drained mat well, and is capable of discharging surface water under the mat through a permeable grating.

Alternating other Alumat entrance mats with alternating strip treads and open drain channels, see also Alumat 10WDO and 15DO

### Scope of use

Suitable for busy commercial entrance ways, including schools, shopping centres, offices etc. Ideally placed inside entrances or sheltered exterior situations to stop water and dirt entering premises, as well as providing an attractive welcome. Low profile matting may be fitted in an 8 - 10 mm deep set down, or placed adjacent to other low profile floor coverings, such as tiles, carpet or carpet tiles. Available also with prefitted ramping as required.

This mat is designed for excessively wet areas, and installed in conjunction with fully drained set-downs. For moderate water containment, see also Alumat 'closed' drain options, Alumat 10D, 10WD and 15D

### 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 D1.3.3(b), D1.3.3(d)
- **Clause F2 Hazardous building materials:** Performance F2.3.1

### Notes

C3.4b - Aluminium and infill matting and scraper ribbed carpet exceeds ISO 9239-1 requirements. CRF 4.9 Kw/m<sup>2</sup>

D1 Access - slip resistance. ALUMAT AL10DO is an acceptable solution exceeding minimum slip resistance of 0.4 when dry and wet.

### Evidence

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

ISO 9239-1

### Supporting Evidence

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

Universiteit Gent

### Company Contact Details



Company: Alumat Floorings Solutions  
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Email: [info@alumat.co.nz](mailto:info@alumat.co.nz)  
Website: [www.alumat.co.nz](http://www.alumat.co.nz)

[Prof Paul Keikens - 14-456A](#)

## Use in Service History

The polypropylene infills used are manufactured by Vebe Floor Coverings in the Netherlands, and have been widely used throughout Europe and many other countries for many years.

## Product Criteria

### Design requirements

Alumat 10 is the ideal choice where a 10mm high profile entrance mat is required in intense wear situations.

It can be fitted into a recessed mat well, or be fitted with our unique ramping option. Our ramping is unlike others, coming preinstalled. This means our mitred corners of ramping if required are perfectly aligned and locked in place. There is no need to drill holes to secure the ramps saving unsightly screw fixings, ill fitting joints and holes and plugs to the floor.

For use over drained matwells and rigid grating

### Installation requirements

Floor surfaces are to be clean, dry and level to receive the mats. In matwells or recesses created by surrounding tiles, the mat may be placed in position.

For ramped mats on smooth surfaces, Velcro pads can be used to locate in position, or dowel and screw fixing if required may be used by uplifting infill near an edge.

For more information see <https://www.alumat.co.nz/wp-content/uploads/2018/12/Alumat-Installation-Guide.pdf>

### Maintenance requirements

Daily vacuum cleaning is recommended. Periodic steam cleaning or pressure water cleaning can be done. Solvents should not be used.

### Warrantees

All Alumat aluminium and infill mats have a minimum warranty for five years against faulty materials and/or workmanship subject to normal wear and tear.

Alumat HD frames have heavier gauge profiles and have a 10 to 20 year warranty which includes the frames are warranted to be able to be refurbished for the duration of the warranty subject to correct installation and maintenance..

## Company Product Information

### Environmental

All of the products used are manufactured by companies that have demonstrated their commitment to the environment and have been appropriately certified.

We have selected aluminium that is designed to withstand wet conditions and can be reused after refurbishment if in suitable condition. Our heavier grade extrusions AL15I, 15D and 15DO are guaranteed to be able to be reconditioned for the first 20 years of their life.

### Relationships



New Zealand Made

## Building Product Information Requirements

### Manufacturer

**Legal Trading Name:**

Alumat Floorings Solutions

**Business Email:**

[info@alumat.co.nz](mailto:info@alumat.co.nz)

**Company Website:**

[www.alumat.co.nz](http://www.alumat.co.nz)

**Contact Number/s:**

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### Warnings

This product has no warnings associated with it.

# ALUMAT 10 DO

Product Technical Statement: 106759



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