

Aluminium bar and infill entrance matting with 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](#)



Company Contact Details



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Technical Statement

Product Description

AL10 D is an intense-wear mat made for busy entryways with ability to handle water ingress.

Combining scraper ribbed infills with drain channels. AL10 D can be used inside and outside to more effectively remove and contain water and dirt from foot traffic.

Designed for flush fitting in shallow tile recesses (8 - 10mm), it usually needs no set down for a matwell, or can be installed with prefitted ramping.

AL10 Interlock series mats are covered by our standard 5-year wear warranty.

Specifications:

Height: 10mm

Weight: 8.0 kg/sq m

Construction: Interlocking

Profile Width: 50mm

Infill Width: 28mm

Infill Width %: 56%

Location: Inside or outside

Crush Resistance: 1,000 kg/sq m

Scope of use

Suitable for busy commercial entrance ways, including schools, shopping centres, offices etc. Ideally placed inside entrances or exterior situations to stop water and dirt entering premises, as well as providing an attractive welcome. Water drain channels enable improved water handling capability for weather exposed situations or where there is a high demand from wet foot traffic.

Can be made any size and shape.

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 8.0Kw/m²

D1 Access - slip resistance. ALUMAT AL10D 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

[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 AL10 Interlock 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.

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 and AL15HDD are guaranteed to be able to be reconditioned for the first 20 years of their life.

Relationships



New Zealand Made



Date last validated: **18 September 2019**



Date last updated: **18 September 2019**

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