

Advance Flooring Systems Ltd Axis Entrance Matting System

Product Technical Statement: 101654



Great looking from any angle

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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



Advance Flooring Systems Ltd confirms that this minimum level of assurance has been met or exceeded by the following:

Australian Wool Testing Authority Ltd

[Fire Certificate - 7-594668-AO](#)



masterspec partner

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Technical Statement

Product Description

Axis is an interlocking modular entrance matting system with water-absorbent, intense wear infills. These Zenon Protect Excellence polyamide carpet infills in a tile design efficiently remove dirt and water from footwear approaching from all directions. Specially designed dirt collection zones make cleaning quick and easy.

The modular design allows the PVC tiles to be cut to shape and size onsite for easy installation. To extend the mat, simply clip on more modules. The larger the mat, the better it will perform. The safety of Axis matting is unbeatable. It is anti-slip in all conditions, specially designed to eliminate heel traps, and wheelchair compliant when the proprietary matwell system is used.

Axis is ideal for entranceways with high density foot traffic, such as shops, malls, hotels, offices, hospitals, airports, and schools. Performance is best when used indoors or in weather-protected areas.

Scope of use

Axis is specially designed as an attractive and easily cleaned Entrance Matting System for all intensive wear areas: retail, hotels, commercial premises, airport, shopping malls etc. Performance is best when used indoors or in weather protected areas.

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

Evidence

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

B2 Durability: Axis has an in-service history of use exceeding 10 years.

C3 Fire affecting areas beyond the fire source: [Axis has been tested to have a critical radiant flux for Axis of 4.4 kW/m².](#)

D1 Access: Axis is an acceptable solution (D1/AS1 Table2) and exceeds the minimum slip resistance of 0.4 when both wet and dry.

Supporting Evidence

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

Australian Wool Testing Authority Ltd
[Fire Certificate - 7-594668-AO](#)

Use in Service History

Axis has an in-service history of use in New Zealand exceeding 10 years.

Product Criteria

Design requirements

Axis may be surface mounted using a proprietary 15mm ramp matwell system or recessed in the proprietary 15mm matwell. Must be over a firm flat surface. For optimum performance installation in weather protected areas is preferable.

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Installation requirements

[An installation datasheet is available](#) and is also included with every order.

Maintenance requirements

Regular maintenance of Axis is important to keep Axis effective and looking attractive for years.

Axis does not have to be removed for cleaning as dirt cannot drop through.

Daily Maintenance: Daily vacuum thoroughly with a powerful vacuum cleaner, preferably with power driven brushes, working lengthwise along the infills. This agitates the pile to loosen the dirt.

Periodic Maintenance: A routine visual inspection will identify when Axis is becoming full of dirt. It can then be cleaned with a water spray extraction method. Axis can be scrubbed with a machine or by hand along the direction of the infills only. In cases of staining, household solvents may be used, but must only be applied to a rag and then rubbed onto the mat. Do not pour solvents directly onto the mat as a breakdown of the infill adhesive may result. Only use chemicals suitable for the cleaning of carpets, following the manufacturer's instructions.

[A maintenance instruction sheet is available.](#)

Warrantees

Axis has a 20 year warranty on wear and performance, stairs excepted, conditional on the product being installed and maintained according to the manufacturers recommendations.

Company Product Information

Relationships



New Zealand Made



Date last validated: **17 August 2023**



Date last updated: **17 August 2023**

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