

# Advance Flooring Systems Ltd StarTread Entrance Matting System

Product Technical Statement: 106107



Attractive natural coir-look entrance matting

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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:

cret

[Test Report - RL 2013/300-1](#)



**masterspec partner**

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## Technical Statement

### Product Description

StarTread is an attractive strip mat with long-life polypropylene infills and aluminium tread rails. The coir-like infills offer optimum dirt and moisture removal, and the aluminium tread rails are specially designed to eliminate heel traps and improve traction in all conditions. Shock absorbing vinyl cushion feet run continuously from side-to-side underneath to eliminate mat clatter and provide comfort. StarTread mats are all custom-made to clients' specifications. Any shape or size can be made without losing structural integrity, larger size mats are made in fully interlocking sections for easy onsite assembly. The mat can be surface-mounted or recessed in the proprietary matwell system. This coir-like mat is available in natural cocos or black. The aluminium tread rails can be powdercoated or anodised to a specified colour, or you can select the standard aluminium finish. StarTread is designed for all intense-wear entrances, shops, institutions, schools, and hostels.

### Scope of use

StarTread is specially designed as an attractive and easily cleaned entrance mat 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: StarTread has an in-service history of use exceeding 30 years.

C3 Fire affecting areas beyond the fire source: [StarTread has been tested to have a critical radiant flux for StarTread of 5.2 kW/m2.](#)

D1 Access: StarTread 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:

cret

[Test Report - RL 2013/300-1](#)

### Use in Service History

StarTread has an in-service history of use in New Zealand exceeding 30 years.

## Product Criteria

### Design requirements

StarTread may be surface mounted using a 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 StarTread is important to keep StarTread effective and looking attractive for years.

StarTread 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 StarTread is becoming full of dirt. It can then be cleaned with a water spray extraction method. StarTread 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

StarTread 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: 27 July 2016



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