

Technical Data Sheet

Shuttle - 1/23

Entrance Matting



Manufacturer/Distributor

Advance Flooring Systems Limited

Trade Name

Shuttle

Product Description

An Attractive aluminium and carpet strip mat using long life, intense wear infills to an ultra-low 10mm thick design.

Patent Number

New Zealand 332003, Australia 766243, Great Britain 2342040

Particular Benefit

An attractive aluminium/carpet mat in a unique non-directional grid formation especially designed to clean footwear coming from any direction.

Area of Application

Shuttle is specially designed as an attractive and easily cleaned entrance mat for all intense wear areas: hotels, commercial premises, airports, shopping malls, etc. Plain and powder-coated versions to suit the most prestigious entrance ways.

Performance is best when used indoors or in weather protected areas

Composition

The Shuttle clean-off system is uniquely attractive and functional. It is composed of:

- A. The intense wear Polyamide infills with a 15-year guarantee.
- B. The heel-proof non-directional tile base vinyl foot which also links the tiles together with a flexible hinge system.
- C. The anti-clatter moulded continuous rubber feet
- D. The proprietary 10mm matwell system

Dimensions

Shuttle mats are all custom-made to client's specifications. The module size is 101.6mm and is based on a standard 300mm ceramic tile, plus 5mm grout line i.e. 101.6mm x 3 = 305mm. The module size is the same left to right as front to back.

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Patterns and Colours

A wide range of fibre infill colours are available.

Manufacture

Shuttle is manufactured in New Zealand by Advance Flooring Systems Ltd to their own copyright design

Fire Resistance

The entrance of a building is often also the exit. For the safety of all people in the building it is important that the entrance floorcovering is difficult to burn, has a limited spread of flame in a low smoke development. The EN ISO 13501:2000 (Euroclass) test shows how Polyamide Clean-offZone meets the highest demand in fire safety, complying with ISO9239-1. Critical Radiant Flux is 8.1 kw/m²

Durability

Extra heavy duty.

UV Resistance

Some fading of infill colours may become apparent in areas of intense sunlight.

Moisture Behaviour

Nil; except to note that as with any entrance mat, performance is reduced when it is wet.

Safety

Shuttle is a special design to eliminate heel traps and is anti-slip in all conditions. A mat of sufficient size will minimize slip hazards on subsequent floors. Shuttle is paraplegic compliant.

Installation

May be surface mounted using a 10 mm ramp Matwell system or recessed in the proprietary 10 mm Matwell. Must be over a firm, flat surface. For optimum performance installation in weather protected areas is preferable. An installation data sheet is available and is also included with every order

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Cleaning and Maintenance

The heavy wear carpet infills gather and trap large quantities of dirt and dust. This action makes maintenance of Shuttle entrance matting an important regular activity. This regular maintenance will keep Shuttle effective and looking attractive for many years.

DAILY MAINTENANCE: Daily vacuum Shuttle 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 Shuttle needs lifting for more thorough cleaning. Shuttle may be rolled back in any direction to make cleaning easy without the need to entirely remove from the matwell. An inspection will also show when Shuttle infills are becoming full of dirt. It can then be cleaned with a water spray extraction method. Shuttle can be scrubbed with a machine or by hand. 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. Shuttle can be refurbished with new infills when required.

Warranty

Shuttle has a 15-year warranty on wear and performance, stairs excepted, conditional on the product being installed and maintained according to the manufacturers recommendations. Replacement parts are also available for the warranty period.

Detailed fitting, maintenance and cleaning instructions are available online
www.advanceflooring.co.nz