



## ORBIT Entrance Matting

### Manufacturer/Distributor

**Advance Flooring Systems Ltd**

### Trade Name

**ORBIT**

### Production Description

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

### Particular Benefit

Ultra-low 10mm design with a proprietary 10mm matwell or ramping system for easy installation.

### Area of Application

**ORBIT** 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 **ORBIT** clean-off system is uniquely attractive and functional. It is composed of:

- A. The intense wear Polyamide or Polypropylene infills with a 10-year guarantee.
- B. The heel-proof fully interlocking aluminium base which eliminates dirt drop-through by specially designed dirt collection rails. This makes cleaning quick and easy.
- C. The anti-clatter moulded continuous rubber feet
- D. The proprietary 10mm matwell system.

### Dimensions

**ORBIT** mats are all custom-made to client's specifications. Any shape can be made without losing structural integrity and larger size mats are made in fully interlocking sections for easy on site assembly.

Thickness: 10 mm

### Patterns and Colours

A wide range of fibre infill colours are available. The aluminium can be anodised or powder-coated to the client's exact specification.

### Manufacture

**ORBIT** 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-off-Zone meets the highest demand in fire safety, complying with ISO9239-1. Critical Radiant Flux is 2.5 kw/m<sup>2</sup>



DATA SHEET 07/20

## **ORBIT** Entrance Matting cont.

### Durability

Heavy duty.

### UV Resistance

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

### Moisture Behavior

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

### Safety

**ORBIT** 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.

### 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.

### Cleaning/ Maintenance

**ORBIT** does not have to be removed for cleaning as dirt cannot drop through. Specially corrugated rails gather dirt for simple cleaning. The heavy wear infills gather and trap dirt also. This action makes maintenance of **ORBIT** an important regular activity. This regular maintenance will keep **ORBIT** effective and looking attractive for many years.

**DAILY MAINTENANCE:** Daily vacuum **ORBIT** 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 **ORBIT** is becoming full of dirt. It can then be cleaned with a water spray extraction method. **ORBIT** 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.

**ORBIT** can be refurbished with new infills when required.

### Guarantee

**ORBIT** has a 10 year warranty on wear and performance, stairs excepted, conditional on the product being installed and maintained according to the manufacturers recommendations.

Detailed fitting, maintenance and cleaning instructions are available online [www.advanceflooringsystems.com](http://www.advanceflooringsystems.com)