



# INSTALLATION INSTRUCTIONS

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## Shuttle

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### Initial Preparation

For maximum aesthetics and safety Advance Entrance Matting Systems should be recessed into the floor so that the top surface is flush with surrounding floor coverings. Advance Entrance Matting Systems predominantly have a low-profile design which avoids having to create a recess in the concrete slab or subfloor as the mats fit within the depth of the surrounding floorcoverings.

10mm below finished floor level, this recessed surface must be in sound condition, smooth and level. Often it is a concrete base, with a ceramic or stone overlay which can form the floor recess.

Where a floor recess is not available Advance Flooring Company has a range of ramps and trims to create a disability compliant entrance system that is attractive and functional.

### Matwell Frame Installation

To create a tidy and safe finish between your Advance Entrance Matting Systems and the surrounding floor coverings, a Matwell frame is used. 10mm deep, the frame should be set in place to the edges of the recess and then secured with screw fixings, ensuring the top edge is flush with finished floor level on all sides.

Framing gives your surrounding flooring a firm edge to finish up to and most importantly protects the edges of many types of flooring – i.e. polished concrete, ceramic tiles from chipping by high heel shoes.

### Preparation of Matwell Base

After the framing has been secured in place to the surround of the recess, the base must be brought up to suit the exact thickness of the matting. This preparation must provide a smooth level base that will ensure the matting sits flat and remains stable under the heavy foot traffic applicable to the application once in use.

Floor Levelling Compound (FLC) is used in most locations, providing an excellent substrate that can be self-levelled to an exact depth. Where this cannot be used, materials such as plywood or rubber sheeting can be used, as a packer to achieve the correct depth.

It is essential that the final matting installation is competently carried out, and there are two typical methods:

1. The matting is cut in the factory, to an exact size or shape, and simply drops into place on site. For this to be possible, it is critical that dimensions are accurate, and templates are provided for any shaped areas using a suitable material.
2. Dimensions are taken on site, matting is produced slightly oversize and cut to suit the exact Matwell areas by competent persons on site. Generally, aluminium matting should be installed with a small tolerance to the surround, to allow for expansion with temperature variation. PVC matting systems should be fitted tight to the Matwell surround. Exact installation detail varies between products, and should be confirmed at the time of order.

We are here to help you, if you have any questions or require further clarification please contact us.