Rohre® Entry Matting Installation Guide

Recessed Matwell (Drop In)

Applicable Systems: Rohre entry matting, recessed into an existing or purpose built matwell

Advantages:

- Sits flush with the surrounding floor finish
- Smooth transition for trolleys and wheelchairs
- The matwell frame supports the mat and gives a neat edge
- Rectangular matwells allow a seamless drop in fit

Considerations:

- Needs a purpose built or existing matwell 13mm deep.
- Curved, angled or obstructed matwells should be installed by an experienced matting installer. Contact Korb for our installer network.

Materials:

- **Trims:** angle trims, screws and fixing plugs.
- **Matwell:** levelling compound, where required.

Matwell Preparation: (IMPORTANT)

1. The matwell must be 13mm deep from the finished floor level so the mat sits flush. (Figure 1)
2. Finish the base with a flat screed. The surface must be **perfectly flat**. Apply a levelling compound if necessary.
3. The matwell must be clean, dry and free of dust, grease and other contaminants. Rectify any damage or irregularities before installing.

Measuring for the Mat:

Measure both lengths of the profiles (X1, X2) and both walking direction sides (Y1, Y2). Measure inside the matwell, or inside the frame if one is already installed. Only measure the diagonals (D1, D2) if the corners are not 90°. (Figure 3) Record the measurements on the Korb Entrance Matting Order Form.

Installation:

1. Complete "Matwell Preparation" as defined above. **(IMPORTANT)**
2. **Trims:** make sure the screed has fully cured. Fix angle trims along the matwell perimeter with screws and fixing plugs. Mitre the corners precisely at right angles. (Figure 1)
3. Lay the mat into the matwell with the profiles running across the walking direction. (Figure 2)
4. The mat should fit snugly, with a **4mm clearance at each side** (left and right) to allow for expansion and contraction. (Figure 2)
5. If the mat needs adjusting, trim with care so every cut is neat and straight.
6. Check the mat sits flat and flush with the surrounding floor, with no bowing or steps between panels.

Adjacent Floor Finishes:

Tilers and carpet layers often finish their work with an aluminium trim at the matwell edge, which can replace a separate matwell trim. The 13mm depth is still required so the mat sits flush.

After Installation:

Vacuum regularly with an upright vacuum with a spinning brush. Clean the carrier with mild soap and warm water, then rinse with clean water. Do not use strong chemicals or abrasive cleaners.

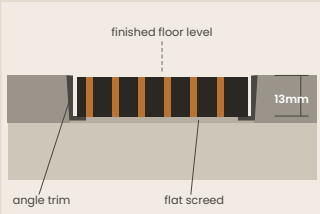

Figure 1 - Matwell section
(13mm deep, flat screed, trims)

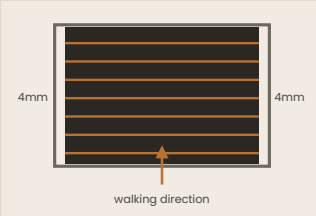

Figure 2 - Steps 3 and 4
(4mm clearance each side)

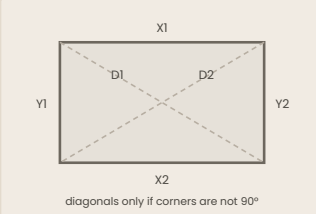

Figure 3 - Measuring
(inside the matwell or frame)

Information is for guidance only. Site conditions must be considered. For complex matwells contact Korb's consultancy team.

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