

# LIGHT WELLS MEAMULTINORM AND MEAMAX

FOR FIXING SET STANDARD (MOUNTING WITHOUT INSULATION)

WALKABLE / TRAFFICABLE

## MOUNTING INSTRUCTIONS

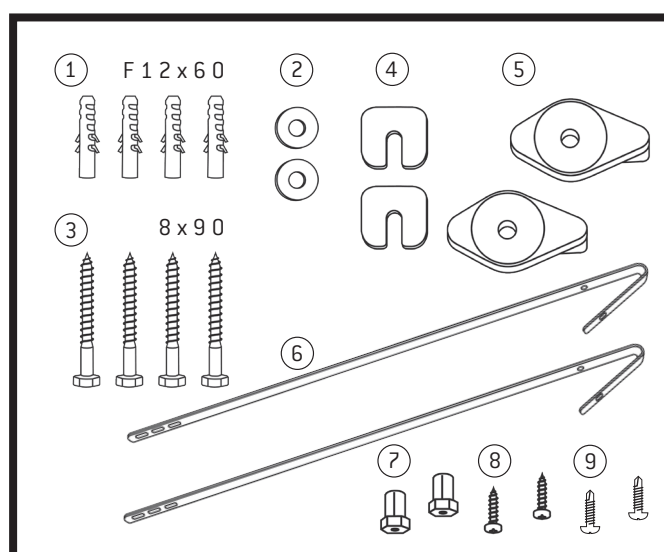
### GENERAL NOTES

- ✓ The product may only be used by qualified personnel in accordance with the usual trade rules and guidelines.
- ✓ Light wells must be checked for transport damage before installation.
- ✓ In the case of heavy/loamy soil, light wells or reinforced attachments must be used.
- ✓ Light wells or attachments must be filled immediately. Compacted material can settle after some time. Please observe DIN 18300 when filling.
- ✓ The installation of walkable and trafficable light wells on the concrete wall differs only in the grating design.

### RECOMMENDATIONS

- ✓ In the case of trafficable light wells, the adjoining pavement around the light well should be laid in a concrete bordering.
- ✓ We recommend screwing the attachment to the light well (e.g. DIN 7981 4.2x16).
- ✓ We recommend the reinforced version for transverse or frequently car-travelled light wells and attachments.
- ✓ The standard fixing set is suitable for mounting on concrete walls and solid masonry. For gas-concrete, sand-lime brick and other wall constructions made of soft building materials, we recommend to use the assembly adhesive anchors.
- ✓ The MEA assembly aid can be used for the simple and quick assembly (Item No.: 010912050).

### SCOPE OF DELIVERY STANDARD FIXING SET



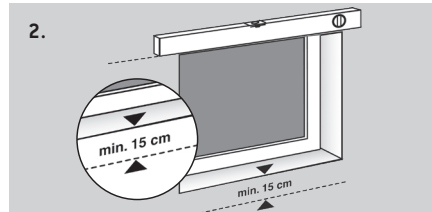
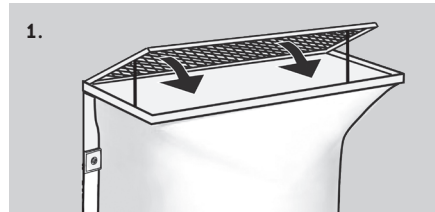
### MOUNTING TIME

- ✓ MEAMULTINORM/MEAMAX up to 125 mm width: approx. 0.4 hrs.
- ✓ MEAMULTINORM width 150 and 200: approx. 0.8 hrs.
- ✓ Attachment/intermediate element: approx. 0.4 hrs.
- ✓ Drainage connection: approx. + 0.1 hrs.

### MOUNTING TOOLS

- ✓ Drill (diameter 12 mm)
- ✓ Impact drill
- ✓ Spirit level
- ✓ Pencil
- ✓ Folding rule
- ✓ Wrench SW 13

## MOUNTING INSTRUCTIONS MEA MULTINORM



1. Before mounting, insert the grating.

2. Mark the top edge of the terrain.

> **Note:** At least 15 cm distance between lower edge of window and light well.

3. Mark and drill holes – 4 x Ø 12 mm (grating inserted in light well), clean drill holes.

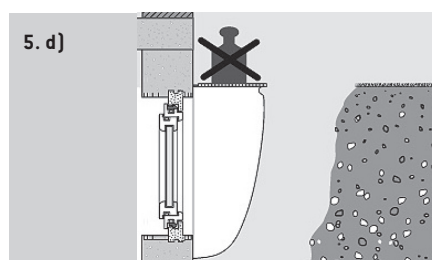
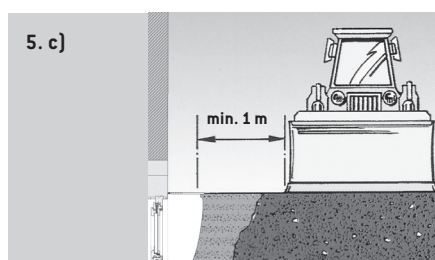
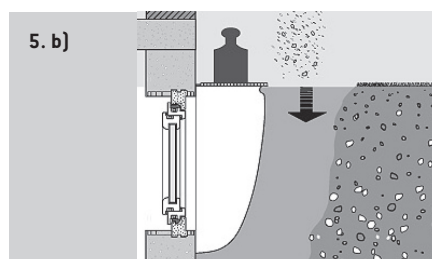
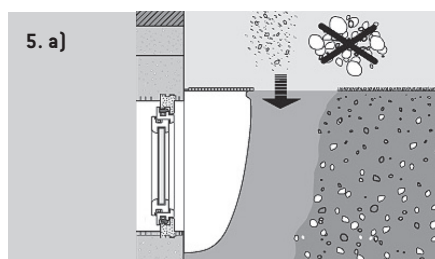
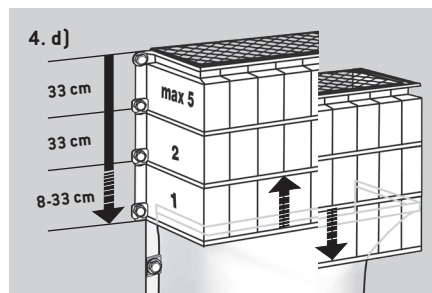
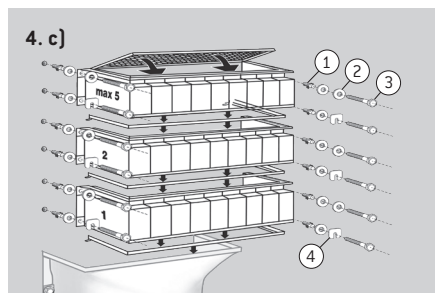
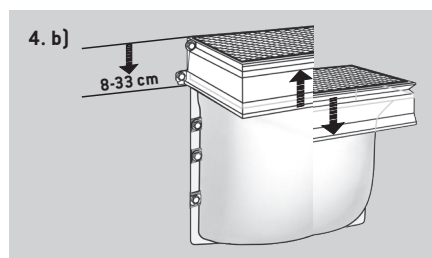
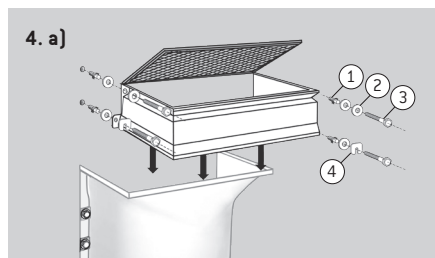
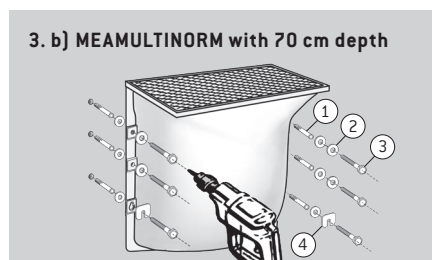
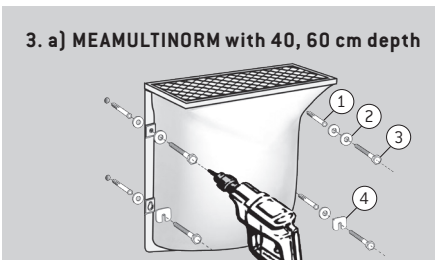
> **Note:** 6 fixing holes (6 x Ø 12 mm) necessary for 70 cm deep light wells (width 150 cm, 200 cm). Per light well 2 fixing sets are standardly necessary.

4. a-d) Remove the grating from the light well and insert it into the attachment. Mounting of attachments is only possible after the light well mounting. Maximum number of attachments can be obtained from the technical data sheet.

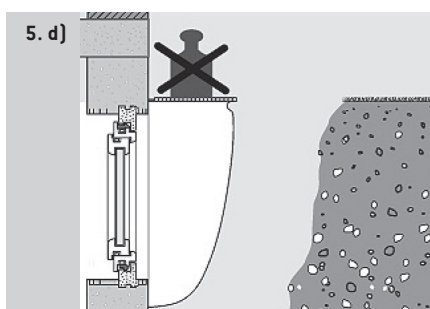
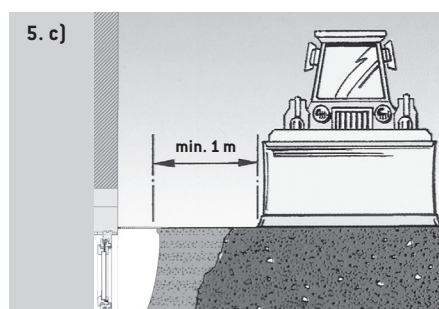
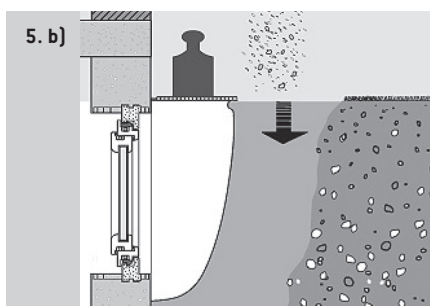
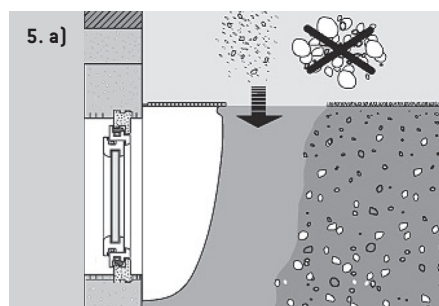
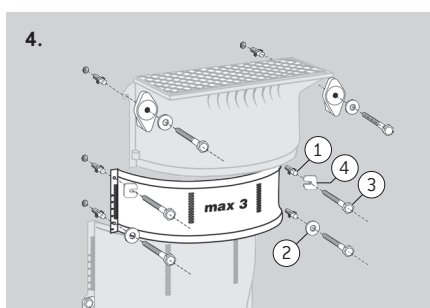
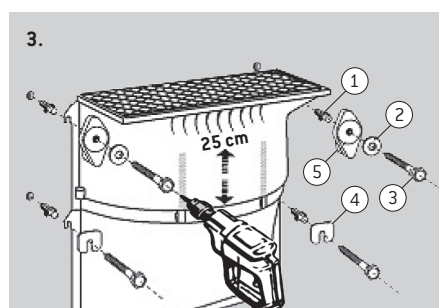
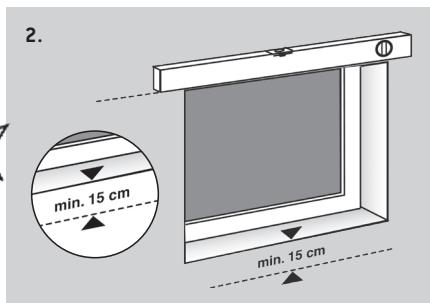
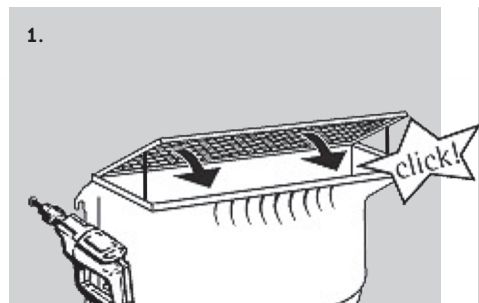
> **Note:** For an assembly of more than one attachment, insert the reinforcing frame into all free grating supports. Adjust desired height with attachments. Height adjustment can only be made with the first attachment element above the light well (adjustment range 8-33 cm).

> **Note:** 70 cm deep light well (width 150 cm) has an adjustment range of 10-52 cm. Mark and drill holes (Grating is inserted in the upper attachment element). Screw the attach elements together.

5. As filling material only homogeneous material (e.g. gravel-sand-mixture) should be used and compacted in layers (first on side walls, then on longitudinal side). For heavy compaction equipment, keep a safe distance from the light well. Light well is only walkable after compaction. **When filling, please comply with DIN 18300 regulations.**



## MOUNTING INSTRUCTIONS MEAMAX



1. Insert grating before mounting.
2. Mark the top edge of the terrain.  
 > **Note:** At least 15 cm distance between lower edge of window and light well floor.
3. Mark and drill holes – 4 x Ø 12 mm (grating inserted in light well), clean drill holes. Screw the light well together.  
 > **Note:** The upper part of the MEAMAX light well can be moved upwards by 25 cm. There is no additional drilling necessary. For this purpose, the upper clamping pieces are loosened and tightened again after the adjustment.
4. Mount intermediate elements, mark and drill holes – 4 x Ø 12 mm.  
 > **Note:** The position of the drill holes must be selected in such a way that no gap can develop between the MEAMAX basic element and the intermediate element.
5. As filling material only homogeneous material (e.g. gravel-sand-mixture) should be used and compacted in layers (first on side walls, then on longitudinal side). For heavy compaction equipment, keep a safe distance from the light well. Light well is only walkable after compaction. **When filling, please comply with DIN 18300 regulations.**