

Installation Instructions for Elefeet® Pedestals

The following instructions provide a step by step guide of what you have to take into consideration when installing Elefeet® Pedestals - which accessories you need and what you need to do to ensure that the end result is exactly as you intended.

A precondition for the use of Elefeet® pedestals is a pressure-resistant and plane surface with a sufficient load bearing capacity. Furthermore walkways on Elefeet® pedestals generally need to have a stable edging to all sides. If at one or more sides there is no wall or roof up-stand a stable retainer made of concrete kerbs or L-shaped precast-elements is necessary. "Edge Retainer" and "Cantilever Arm Support" are useful tools to work out details, however they are no substitution for a stable edging!

Work prior to installing Elefeet® Pedestals:

- First of all, establish which accessories you will need (e.g. cantilever arm support, edge retainer).

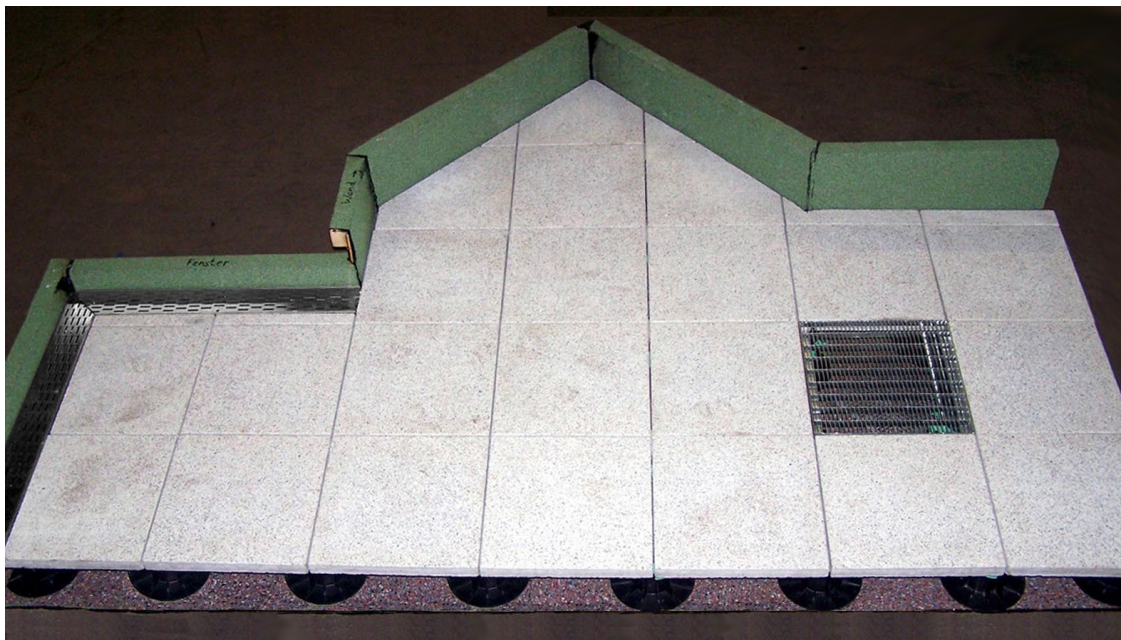
- Then ascertain the precise height of the paving.
- Take an exact measurement of the area and the slope.
- Establish the angles or/and look for a 90° angle.
- Based on the above information, set a reference edge to establish the starting point and the direction of the installation.
- It is important to ensure that complete slabs are used (no cut slabs) in entrance, exit and high-traffic areas.
- Cut slabs should only be used in areas with little or no traffic.
- As an aid for installation, the joints could be outlined with chalk on the Elastosave ES 30 mat.
- Joint alignment may change as a result of the channels or grills used.

- We recommend pre-setting the approximate height prior to installing the Elefeet® Pedestals.
- Use only slabs that have been thoroughly cleaned.
- Generally speaking, cantilever arm supports should be used instead of edge retainers in front of heavy-traffic door exits.

The various works outlined above should always be carried out when installing Elefeet® Pedestals. The following is an explanation, based on a fictitious example, of how to deal with situations where ground-level window elements, doors, crooked wall junctions, water outlets etc. are present.

Further steps with Elefeet® Pedestals:

- Laying protection mat Elastosave ES 30. If using a plastic waterproofing that contains plasticizer (e.g. PVC), a separating layer must be laid under the ES 30, e.g. a TGF 20 slip sheet or a TGV 21 separation membrane.



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- ① In the case of a bituminous waterproofing layer where an insulation wedge (max. 50 mm) is installed, the base plates of the Elefeet® Pedestals can be cut off up to 25 mm at one side, to allow the mitre cut support or the cantilever arm support to be placed right up against the rising wall.
- ② In the case channels are required at both sides of a corner (e.g. with doors or ground-level window elements), cantilever arm supports are installed at one of the rising walls and mitre cut supports at the other rising wall. This will ensure that the slabs right beside the channels have a sufficient support area.
- ③ In particular with bituminous waterproofing, the numerous layers of waterproofing around the overlapping area can result in the Elefeet® Pedestals becoming inclined which means the slabs cannot be levelled out. In this case, pieces of the Elastosave ES 30 protection mat can be cut off and laid beneath the Elefeet® Pedestals to level them out.
- ④ Always use the mitre cut supports at crooked wall junctions, as the Elefeet® Pedestals can be laid along them, as needed, and also because small slab cuttings can easily be laid due to the support width. To lay the mitre cut support on the Elefeet® Pedestals, the joint spacers must be broken off.
- ⑤ If, for example, there is a drain in the area of a cantilever arm support, the Elefeet® Pedestals below the cantilever arm can be moved. To do this, the joint spacers on the Elefeet® Pedestals support have to be broken off.
- ⑥ The edge retainer can be used where the size of the cut slabs is ≤ 80 mm and ≥ 350 , provided no insulation wedge is installed.

