



- The profiles (base elements P60N and visible rails SS35/60) are usually installed in such a way that the upper edge of the visible rails sit flush with the surface to be created later. The special profile shape allows the number and position of the anchoring elements to be adjusted to the relevant building project and the surface being built on. Radii can be formed starting at approx. 4 m.
- The visible rails can be hammered into the grooves of the base elements using a plastic mallet before commencing installation. Depending on the structural conditions, the visible rails can also be installed after the installation of the base elements. It is important to ensure here that the intake groove, which is required for the visible rails and clamp rails, doesn't become constricted. This can be achieved by inserting 3.5-mm-thick cardboard, plastic, wood, etc., which must then be removed after installation of the rails.
- The profiles can be quickly and easily cut to length with a conventional hacksaw as needed. Care should be taken to ensure a clean cut in the area of the guide rail and the visible rail.

Installation method with concrete/ground anchors

Method A

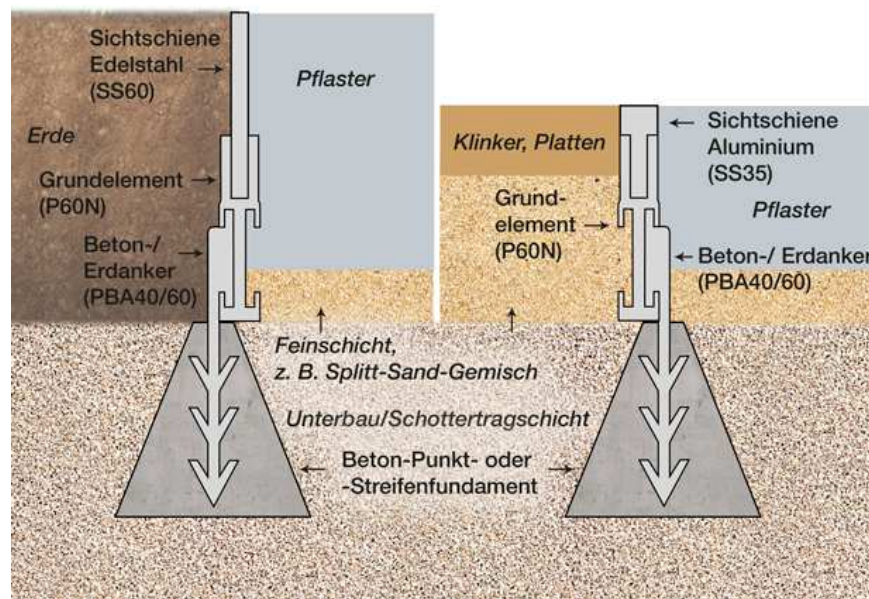
- The concrete/ground anchors (PBA40/60) are inserted into the guide rails of the base elements. Depending on the planned radii and other structural conditions, you should use approx. 4 concrete/ground anchors per running metre. Offset arrangement is possible.
- The anchors inserted into the base elements are pressed into the cement, as far as the marking bulge, while it is setting and still soft. After that they can be aligned horizontally, if necessary.
- Once the cement has set, the visible rails are hammered into the grooves of the base elements using a plastic mallet, if this hasn't been done yet. When installing the visible rails on site, the base elements can be additionally fixed to each other by installing the visible rails with an offset of approx. 50 mm.
- The next step is to add and, if necessary, lightly vibrate the fine layer before installing the base layer or surface.

Method B

- The concrete/ground anchors (PBA40/60) can also be installed after vibration of the base layer, before the installation of the base layer or, if applicable, before the vibration of the (paved) surface. When using this method, bear in mind that the vibration can cause the base layer/surface to sink.
- A recess (approx. 10 cm deep and 5 cm wide) is created in the base layer at the points where the anchors are pre-installed in the base elements. A large chisel may work well for this. The base elements are then adjusted so that the anchors are positioned in the base layer. The anchors are then embedded with a concrete-cement mixture.
- If the profile is to be laid on a surface which has already been paved, it is best to insert the concrete/ground anchors on one side and not offset.
- The next step is to add the fine layer and install the base layer respectively surface. If vibration is necessary, take care not to damage the visible rails.



Page 2 Installation Notes Omniflex®



Installation method with 90° profile anchors

- The profile anchors (PVA40/60) are inserted laterally into the guide rails of the base elements. Depending on the surface and the shape of the profile, around 5 anchors should be used per running metre. The profile, along with the profile anchors, is then laid down on the flat surface, the lower base layer, according to the construction plan in terms of shape and length.
- Depending on the application and the surface, the profile anchors can also be arranged offset on both sides. Installation is carried out with steel stakes (EN18/23) in the base layer, with screws and dowels in the concrete foundations or with special glue (WFB310) on smooth, solid, dust-free substructures.
- The visible rails are then hammered into the grooves of the base elements using a plastic mallet, if this hasn't been done yet. When installing the visible rails on site, the base elements can be additionally fixed to each other by installing the visible rails with an offset of approx. 50 mm.
- In order to achieve a satisfactory result, the entire installation should be carried out in a careful, precise manner.

