

General information

The following installation guidelines and installation examples are intended for standard applications and must be adapted to the local conditions by the planner. The technical regulations and guidelines generally known in specialist circles must be taken into account.

1. The side-strip slabs should be installed with suitable tools (e.g. BG shifting clamps for side-strip slabs) and appropriate lifting equipment (e.g. mobile crane, excavator, ...).
2. The roadway connection should be permanently at least 5 - 10mm higher than the surface of the side-strip slab to avoid mechanical damage (e.g. snow removal) and to ensure water drainage.
3. The insertion holes for the reflector posts must be kept free or recessed.
4. The banquet slab is not used to widen the roadway, but to secure the edge of the roadway in the banquet area - constant driving on the side-strip slab must be avoided!
5. Avoid driving over the side-strip slab if the road surface layer is missing (e.g. asphalt fine surfacing during the construction period).

Installation guideline for new constructions

1. Create a permanently load-bearing subgrade in accordance with the applicable road construction regulations and the load classes to be expected
2. Place the side-strip slabs onto a gravel bed (5/8) and vibrate the slabs with a suitable vibratory plate.
3. If the side-strip slabs are laid on a sub-concrete (min. C20/25 and suitable exposure class), a full-surface bedding of the side-strip slab and a back support (thickness min. 15cm) must be produced. To ensure good adhesion to the precast element, the concrete for the foundation and back support must not yet have set when installing.
4. When applying the road surface (bituminous wear layer, concrete surface, ...) it must be fully connected to the side-strip slab.
5. A joint width of 3-5 mm must be maintained between the side-strip slabs. No "crunch" laying. The joints should be filled with suitable permanently elastic material (no mortar grouting) - thus no green growth and a better bond and hold of the slabs.

Installation guidelines for reconstruction

1. Trimming the edge of the roadway in order to create a clean connecting line and to be able to remove the damaged road surface properly.
2. Removal of the old banquet material.
3. Creating a permanently load-bearing sub-bedding in accordance with the applicable road construction regulations and the expected load classes.
4. If the side-strip slabs are laid on a sub-concrete (min. C20/25 and suitable exposure class), a full-surface bedding of the side-strip slab and a back support (thickness min. 15cm) must be produced. To ensure good adhesion to the precast element, the concrete for the foundation and back support must not yet have set when installing.
5. When applying the road surface (bituminous wear layer, concrete surface, ...) it must be fully connected to the side-strip slab.
6. The joints between the cut edge of the roadway and the side-strip slab are to be filled with suitable grouting material (mastic asphalt, cold asphalt, etc.). A joint width of 3-5 mm must be maintained between the side-strip slabs. No "crunch" laying. The joints should be filled with suitable permanently elastic material (no mortar grouting) - thus no green growth and a better bond and hold of the tiles.