

Installation instructions

ANRIN SELF drainage channels

Installation instructions

The following installation guidelines are schematic representations. These are provided as examples and are non-binding. The information provided here is based on our long-term experience in excavation and road construction as well as the state-of-the-art technology.

Despite this, designers and planners are always obligated to check the products and the installation instructions for their appropriateness. The example details are simplified recommendations for execution. Constructions are to be re-created on a project-specific basis.

Important: Insert gratings for the installation.



1. Excavate trench. Fill in and pre-compact base course. Apply concrete pad, 3 parts sand + 1 part cement + 1 part water, to base course.



2. Connect pipe connections to the pipeline.



3. Place channel elements and sump unit on the concrete pad. Align components so that they are level.



4. Position end caps.



5. Complete the series and ensure the level alignment of the components.



6. Backfill the concrete pad.



7. Lay the paving



8. The surface should be 2-5 mm higher than the cover grating.

Guidelines and regulations

DIN EN 1433	“Drainage channels for vehicular and pedestrian areas”
DIN 19580	“Drainage channels for vehicular and pedestrian areas ...”
RStO	“Guidelines for the standardisation of the superstructure of vehicular areas”
DIN EN 206-1	“Concrete. Specification, performance, production and conformity”
DIN EN 1045-2	“Concrete, reinforced and prestressed concrete structures. Part 2: Concrete – Specification, properties, production and Application rules for DIN EN 206-1”