

## Installation advice

# FASERFIX STANDARD

### General

Our installation advice and installation examples are generally valid suggestions and are based on many years of experience and extensive testing. We reserve the right to make changes in the course of technical progress and operational development. They do not release the planner from specifying the drainage system and the type of installation, taking into account the local conditions. The valid technical regulations and guidelines as well as the state of the art must be taken into account.

The installation advice also apply to the system components of the channels (e.g. sump units), unless explained separately.

The corresponding installation examples on the HAURATON website must be observed.

Further information on the processing of drainage systems can be found on the HAURATON YouTube channel.

### Installation

The sub-structure must be load-bearing, frost-proof and settlement-free in accordance with the planner's specifications.

Suitable harnesses must be used to lift the channels.

Lifting from the grating or the bolt connection points is not permitted.

The installation of the channels starts at the lowest point or at the transition to the base pipe (drain element or sump unit) and is carried out against the direction of flow.

In the case of channels with a fall, the order of the channel types and the direction of flow must be observed. These are marked on the front sides, which are aligned in the direction of the sump unit (descending numbering).

The lateral stability of the channels is guaranteed and does not require any additional bracing when installed properly. When working on and compacting the superstructure, bracing (e.g. by inserting the gratings) may be necessary.

For channel openings made on site (e.g. for T and L connections of channels), please note that the load that can be absorbed is significantly reduced and the specified load class is no longer achieved.

Driving over them during the construction phase is not permitted.

It must be ensured that the subsequent surface coverings permanently overhang the upper edge of the channel as per the installation example.

The specified load class is only achieved after installation with inserted gratings has been completed.

Any debris on site must be removed after installation is complete.

### Joints

To compensate for horizontal forces (e.g. due to thermal expansion), sufficiently dimensioned expansion joints must be arranged in the longitudinal and transverse direction of the channels.

Joints running transversely to the channel run are to be led through a channel joint.

Joints running lengthwise to the channel run are to be arranged at a specified distance from the channel run as shown in the installation example.

Further joints, depending on the surface covering, are specified in the installation examples.

### Sealants and adhesives

The sealant and adhesive recommended by HAURATON with corresponding instructions can be found on the product page under accessories. The use of other brands is at your own risk.

### Locking options

For fastening, the grating can be secured with a locking handle connection. The locking handle is to be placed centrally under the grating. By tightening the screw, the locking handle engages in the side walls of the channel.

When bolting the gratings, do not exceed the following maximum turns:

Steel locking handle bolt connection: after applying the bolt, tighten with 4 turns

Note: Our information corresponds to our current knowledge and experience to the best of our knowledge. We reserve the right to make changes in the course of technical progress and further operational development. The user is not released from a careful examination of the functions or application possibilities of the products by qualified personnel. The mention of trade names is not a recommendation and does not exclude the use of other similarly tested products. Further information can be found in the respective safety data sheet, or in the areas of application, e.g. for elastic spray seals. In the case of new editions, older editions lose their validity.