

Installation advice

FASERFIX SUPER

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.

The installation aids offered by HAURATON must be used to lift the channels. Alternatively, suitable harnesses can be used.

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.

When connecting pipes to the channel, please note that the length of the preformed PVC-U socket is not sufficient for adequate fixing and sealing of the connection. In this case, a shortened PVC-U bend (see system components) should be used as an adaptor and the connected pipe should be secured and sealed accordingly.

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.

The dimensions of the excavation pit are based on the dimensions of the infiltration unit and a circumferential working space ('B') of at least 50 cm.

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

The gratings are snapped into the edge frame by means of the SIDE-LOCK fastening. To do this, position them on the channel according to the markings on the grating (arrow) and edge frame (notch).

To remove the grating, it can be pried open with two slotted screwdrivers on the SIDE-LOCK springs.

When bolting on the gratings, the following maximum torques must not be exceeded:

FASERFIX SUPER steel edge frame with steel bolt: 100 Nm

FASERFIX SUPER steel edge frame with stainless steel bolt: 60 Nm

FASERFIX SUPER ductile iron edge frame: 60 Nm

The screw is to be applied manually, only then can it be tightened with a cordless screwdriver.

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.