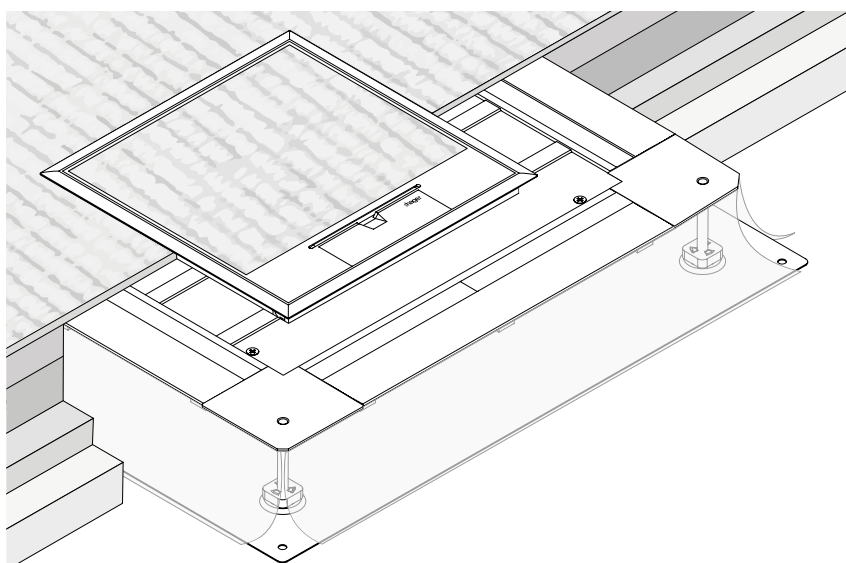


Floor installation systems

Information for the floor layer



For consideration before and during the laying of
floor coverings

**Floor installation trunking systems and instal-
lation units**

01 Safety instructions

02 General notes

03 Installing floor coverings around trunking on screed-flush floors

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01 Safety instructions

A screed floor may only be subjected to load, stood on or covered after the screed nominal strength has been reached. Installation work must be carried out professionally in accordance with VOB Part C/DIN 18352, DIN 18353 and DIN 18365. Possible trip points must be avoided using suitable measures in accordance with the Workplaces Ordinance ArbStättV and ASR A1.5/1.2 Floors of the German Federal Institute for Occupational Safety and Health. Hager shall not be liable for any possible damage to the trunking system or floor boxes that is caused by improper installation of floor coverings!

02 General notes



Cleaning

Dust and dirt must be removed from the floor ducts and universal floor boxes, in order to improve the adhesion of the floor coverings.

Functionally relevant components and visible surfaces must be cleaned of joint material and adhesive after installation to prevent product damage.



Wood materials

Coverings made of wooden materials for covers must be treated on both sides, so that they do not warp. For single-sided adhesion, use double-sided tape.

With many wooden materials, it is wise to plan for expansion joints, which compensate for expansion and also shrinkage. These are then located, for example, along the side walls of the floor trunking and on outer frames of cassettes.



Information

With floor coverings, observe the course of the surface structure.

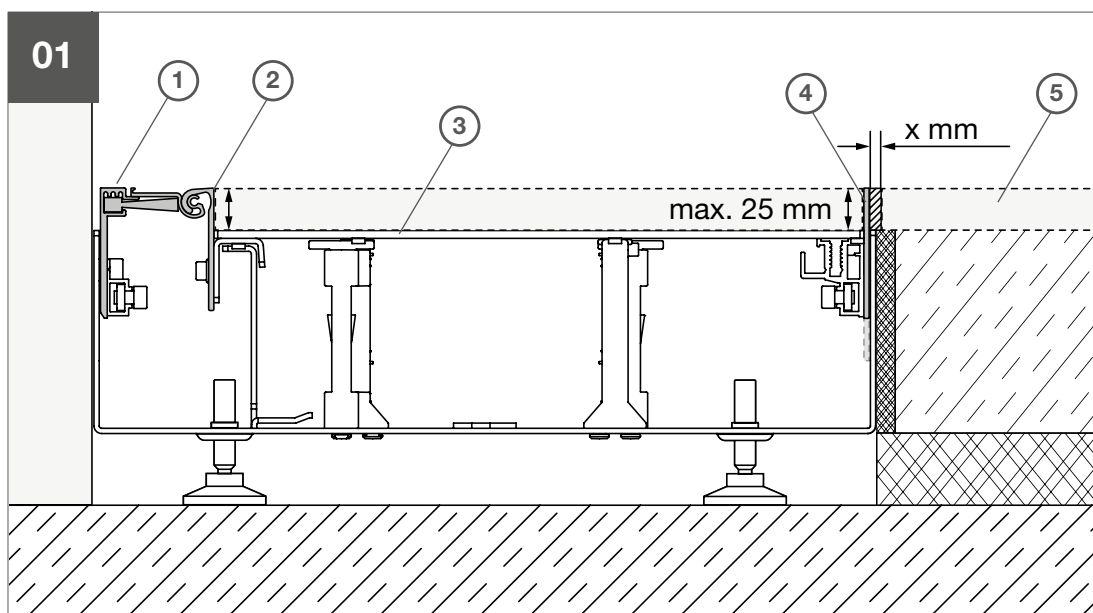
Long-pile floor covers can get in the way when inserting the trunking covers.

03 Installing floor coverings around trunking on screed-flush floors

- If the screed does not end flush with the top edge of the floor trunking, the trunking must be levelled off if possible or compensating compound must be applied over a large area to avoid unevenness in the floor covering.
- The protective covers of the floor trunking (BKBx, BKGx) must be replaced with suitable trunking covers (to be ordered separately).

03.01 Installing floor coverings – BKB

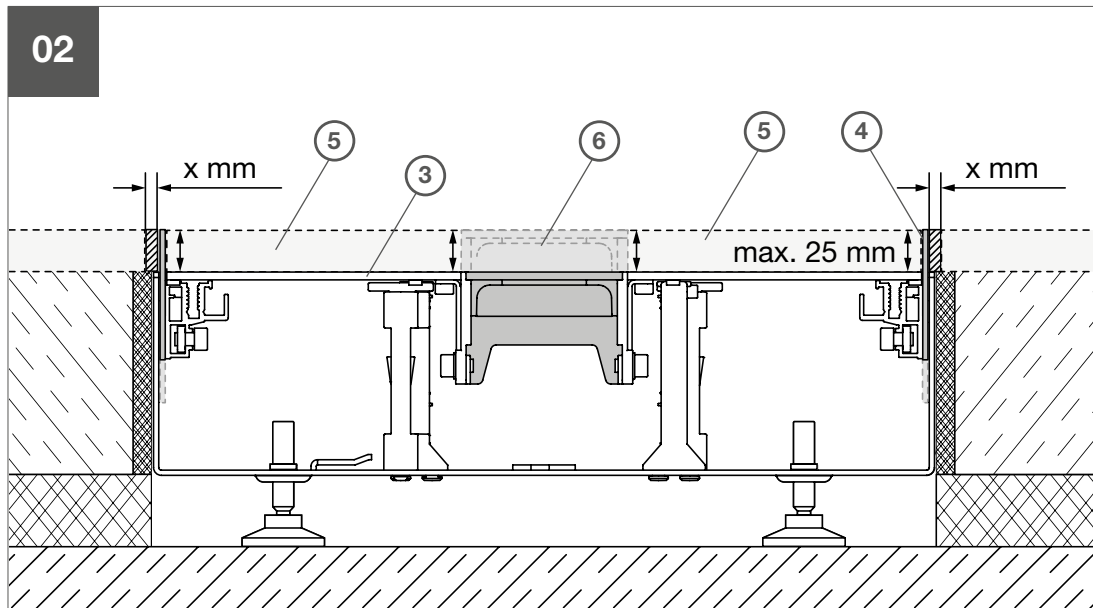
- ① Align the brush profile ① with the top edge of the floor covering ⑤ and tighten the screws.
- ② Align the covering joint edge ④ on the room side with the top edge of the floor covering ⑤ and tighten the screws.
- ③ Work the floor covering ⑤ up to the covering joint edge ④. For hard floor coverings, such as wood or tiles, provision for expansion joints must be given.
- ④ Align the covering joint edge of the trunking cover ② with the floor covering ⑤ and tighten the screws.
- ⑤ Glue the trunking cover ③ to the floor covering ⑤. With floor coverings that tend to fray, the edges should be sealed.



- ① Brush profile
- ② Covering joint edge of trunking cover
- ③ Trunking cover
- ④ Covering joint edge
- ⑤ Floor covering

03.02 Installing floor coverings — BKG

- ① Align the covering joint edges ④ with the top edge of the floor covering ⑤ and tighten the screws.
- ② Work the floor covering ⑤ up to the covering joint edge ④. For hard floor coverings, such as wood or tiles, provision for expansion joints must be given.
- ③ Align the cable outlet ⑥ for the trunking cover ③ with the floor covering ⑤ and fix the cable outlet in position.
- ④ Glue the trunking cover ③ to the floor covering ⑤. With floor coverings that tend to fray, the edges should be sealed.



- ③ Trunking cover
- ④ Covering joint edge
- ⑤ Floor covering
- ⑥ Cable outlet

03.03 Installing floor coverings — BKF(D) and BKW(D)

- Replace blind covers in the floor trunking (BKFxxx, BKWxxx) for the installation of supply units, cassettes and podestral boxes with mounting covers with suitable installation dimensions (to be ordered separately).
- Remove the blind covers before installing the floor covering.
- A covering joint edge is inserted into the trunking side profile to the left and right of the trunking cover ex works. Mount the covering joint edge either flush (glued over) or raised (visible).



Flush or raised mounting?

Flush mounting of the covering joint edge is recommended if the trunking cover is rarely removed. In this case, it is also recommended to secure the trunking cover such that the screw heads are not visible.

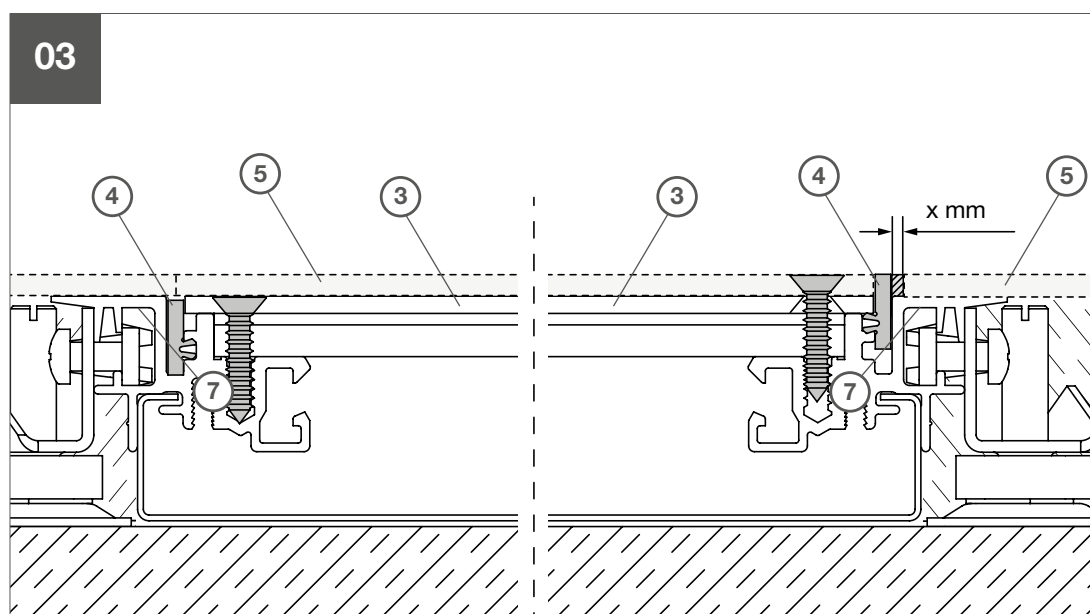
Raised mounting of the covering joint edge is suitable if the trunking cover is frequently removed. In this case, it is recommended to secure the trunking cover such that the screw heads are visible.

03.04 Flush-mounting the covering joint edge (raised 0 mm) (Figure 03, left)

- 1 Glue the covering joint edge ④ flush into the side profile of the trunking ⑦ and allow the adhesive to cure.
- 2 Lay the textile floor covering ⑤ over the trunking and cut off the floor covering on the inner sides of the covering joint edge ④. Use the cut floor covering ⑤ to lay the trunking cover ③. Work hard floor coverings, such as wood or tiles, up to the inner side of the covering joint edge.

03.05 Mounting the covering joint edge raised by 4 mm (an option to raise it by 3.2 mm is available) (Figure 03, right)

- 1 Remove the covering joint edge ④ from the side profile of the trunking ⑦. Rotate by 180° and glue in the side profile of the trunking ⑦ such that it is raised. Allow the adhesive to cure.
- 2 Lay the textile floor covering ⑤ over the trunking and cut off the floor covering on the inner sides of the side profile of the trunking ⑦. Work the floor covering ⑤ up to the covering joint edge ④. With hard floor coverings, such as wood or tiles, provision for expansion joints must always be given.



- ③ Trunking cover
- ④ Covering joint edge
- ⑤ Floor covering
- ⑦ Trunking side profile



Tip!

A PVC floor covering can be welded to the covering joint edge

03.06 Installing the covering joint cover

A covering joint cover (BKZBSA7011) is recommended for lightly fraying textile floor coverings rather than a covering joint edge. These are available in 2.4 m lengths.

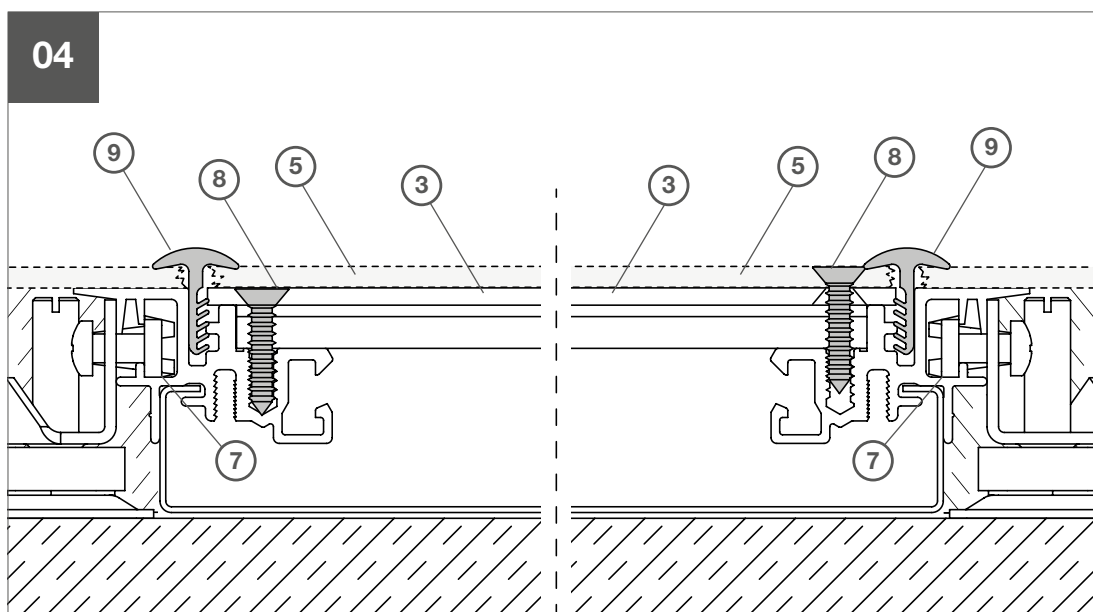
- ❶ Remove the covering joint edge ❹ (Figure 3) from the side profile of the trunking ❷.
- ❷ Lay the textile floor covering ❺ over the trunking and cut off the floor covering on the inner sides of the side profile of the trunking ❷. Use the cut floor covering ❺ to lay the trunking cover ❸. Work hard floor coverings, such as wood or tiles, up to the inner side of the side profile of the trunking ❷.
- ❸ Push the covering joint cover ❹ into the groove between the trunking cover ❸ and the side profile of the trunking ❷. Do not twist the covering joint cover ❹ while doing so!

03.07 Fastening the trunking cover in place such that the screw heads are not visible (Figure 04, left)

- ❶ Insert clean trunking covers ❸ into the trunking with the countersunk holes facing upwards and screw the fastening screws ❸ into the side profile of the trunking ❷.
- ❷ Individually glue the trunking covers ❸ to the floor covering ❺.

03.08 Fastening the trunking cover in place such that the screw heads are visible (Figure 04, right)

- ❶ Individually glue the clean trunking covers ❸ to the floor covering ❺ such that the countersunk holes are pointing downwards.
- ❷ Insert the trunking cover ❸ into the trunking. Screw the fastening screws ❸ for the trunking covers ❸ through the floor covering ❺ into the side profile of the trunking ❷.



- ❸ Trunking cover
- ❺ Floor covering
- ❷ Trunking side profile
- ❸ Fastening screw
- ❹ Joint cover

03.09 Opening the trunking cover

- Before loosening the trunking cover:
 - If used, carefully remove the covering joint cover ⑨ from the groove.
 - If the screw heads are not visible (Figure 4, left), loosen the floor covering ⑤ at the side of the trunking cover ③ to expose the fastening screws ⑧.
- Loosen the fastening screws ⑧ of the trunking cover ③.

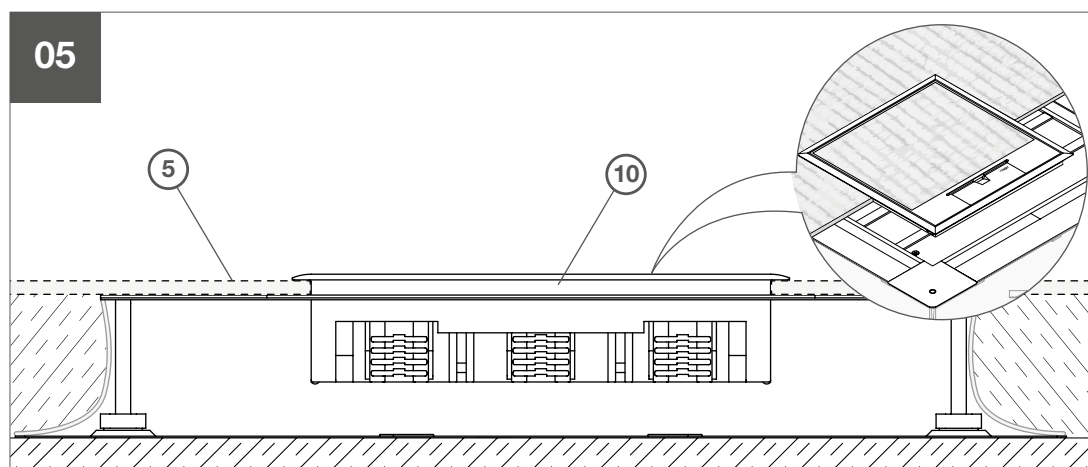
04 Universal floor boxes, installation openings and junction boxes

- Protective covers on universal floor boxes (UDBx, UDHx, UDSx) must be replaced by mounting covers (UDMx) that are suitable for the size of the box and the installation dimension of the supply unit, sealing cover or cassette; these covers must be ordered separately.
- A mounting cover is not required for junction boxes (BKSAx) and mounting openings, as these directly accept supply units, sealing covers or cassettes of the appropriate size.

04.01 Supply units and sealing covers with covering protective frame

Lay the floor coverings up to the mounting openings.

- ① Lay the floor covering ⑤ over the mounting opening and cut out the floor covering at the inner sides of the mounting opening.
- ② Use the cut-out floor covering ⑤ to cover the supply unit ⑩ or sealing cover.



⑤ Floor covering

⑩ Supply unit



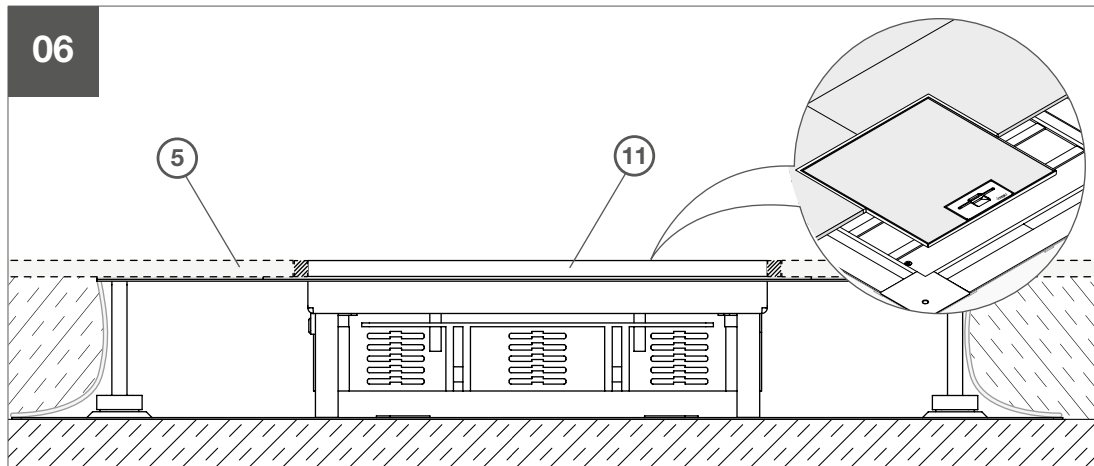
Tip!

The cover inserts (VEDx, VDDx), which must be ordered separately, can be used as lining for the floor coverings and as stencils.

04.02 Cassette with covering joint edge

Lay the floor coverings up to the mounting openings.

- ① Lay the textile floor covering ⑤ over the mounting opening and cut out the floor covering, leaving a protruding margin of 3 mm all the way around the opening. Work hard floor coverings, such as wood or tiles, up to the cassette ⑪ which has already been inserted. Provision for expansion joints for a supply unit must always be given.
- ② Use the cut-out floor covering ⑤ to cover the cassette cover ⑪. With hard coverings, an expansion joint should also be planned in the cover.



- ⑤ Floor covering
- ⑪ Cartridge



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