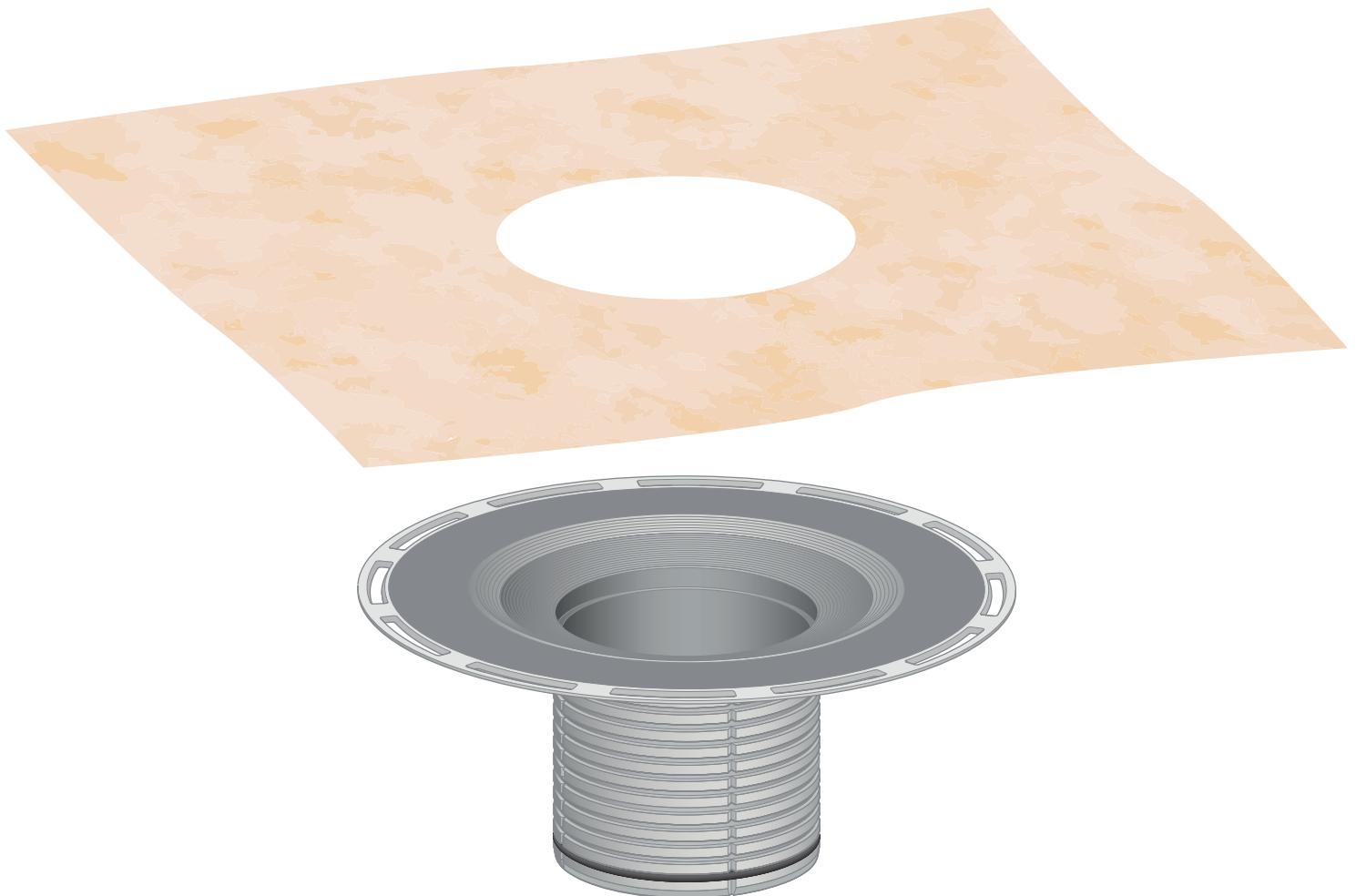


Instructions for Use

Advantix stacking element



for bonded sealing (tiled shower) with sealing mat

Model
4994

Year built (from)
01/2004

viega

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1 About these instructions for use

Trade mark rights exist for this document; for further information, go to viega.com/legal.

1.1 Target groups

The information in this instruction manual is directed at the following groups of people:

- Heating and plumbing experts and trained personnel
- Tilers

Individuals without the abovementioned training or qualification are not permitted to mount, install and, if required, maintain this product. This restriction does not extend to possible operating instructions.

The installation of Viega products must take place in accordance with the general rules of engineering and the Viega instructions for use.

1.2 Labelling of notes

Warning and advisory texts are set aside from the remainder of the text and are labelled with the relevant pictographs.

	DANGER! This symbol warns of possible life-threatening injury.
	WARNING! This symbol warns of possible serious injury.
	CAUTION! This symbol warns of possible injury.
	NOTICE! This symbol warns of possible damage to property.
	This symbol gives additional information and hints.

1.3 About this translated version

This instruction for use contains important information about the choice of product or system, assembly and commissioning as well as intended use and, if required, maintenance measures. The information about the products, their properties and application technology are based on the current standards in Europe (e.g. EN) and/or in Germany (e.g. DIN/DVGW).

Some passages in the text may refer to technical codes in Europe/Germany. These should serve as recommendations in the absence of corresponding national regulations. The relevant national laws, standards, regulations, directives and other technical provisions take priority over the German/European directives specified in this manual: The information herein is not binding for other countries and regions; as said above, they should be understood as a recommendation.

2 Product information

2.1 Standards and regulations

The following standards and regulations apply to Germany / Europe and are provided as a support feature.

Regulations from section: Media

Scope / Notice	Regulations applicable in Germany
Typical domestic wastewater	DIN 1986-3

2.2 Intended use

2.2.1 Areas of application

The stacking element is intended for height increase and bonded sealing of an Advantix drain above cement layers.

2.2.2 Media

The drain and stacking element are intended for draining of household-type wastewater in constant operation, see .

- The short-term temperature of the wastewater may reach up to 95° C. The temperature must be considerably lower in constant operation.
- The pH value must be higher than four but lower than ten.

It is not permitted to introduce wastewater, which could damage the product material.

2.3 Product description

2.3.1 Overview

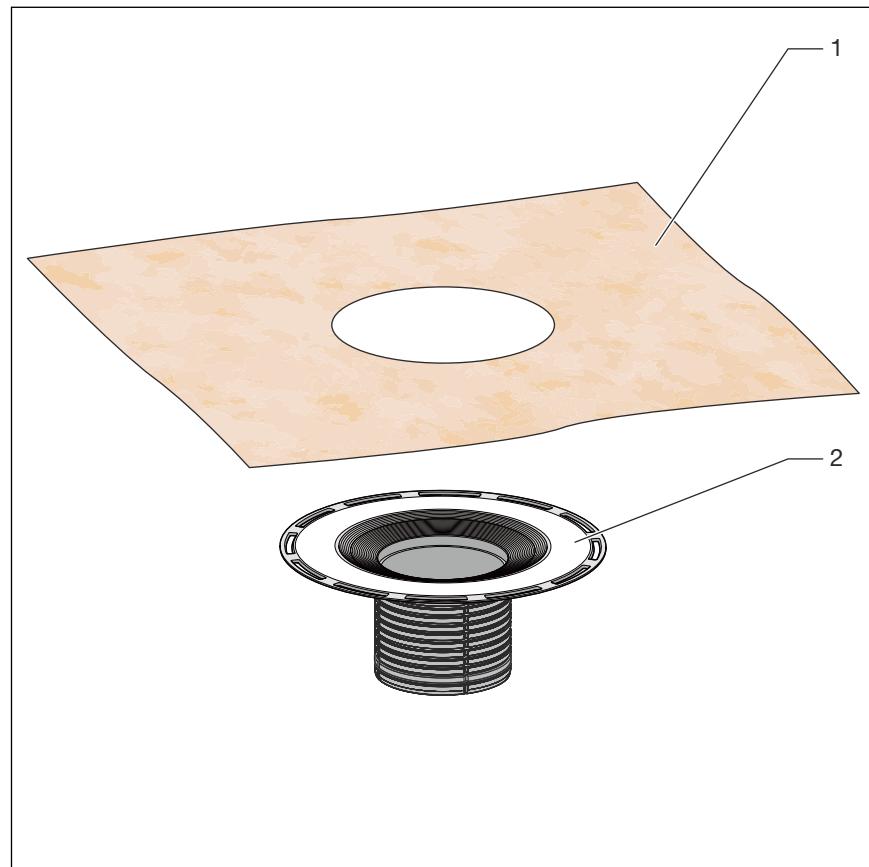


Fig. 1: Components stacking element model 4994

- 1 Sealing collar
- 2 Stacking element with flange for the application of the bonded sealing

2.4 Information for use

2.4.1 Sealing

Bonded sealing

To protect against moisture penetration, apply sealing foils, which are to be processed in liquid state, directly below the tiles on screed and walls. The determination of the stress class and the underground as well as the selection of the suitable bonded sealing must be carried out in compliance with the valid standards and regulations, see: [«Chapter 2.1 'Standards and regulations' on page 5](#).

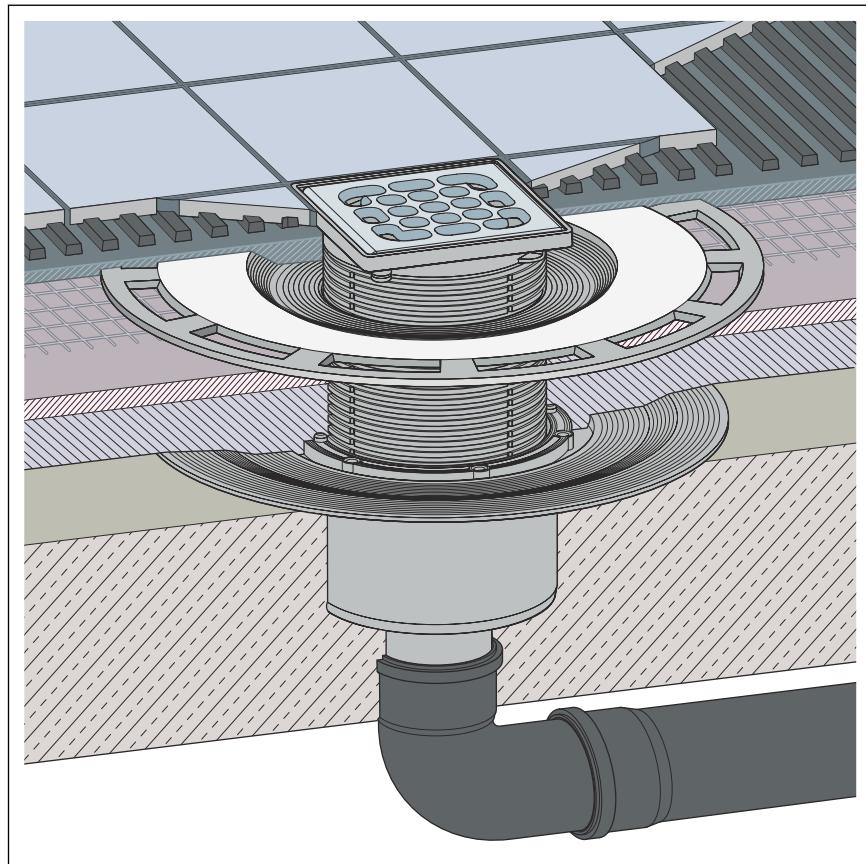


Fig. 2: Diagram of a bonded seal with stacking element

Important note

Careful planning is required for sealing. In addition, depending on the individual dampness wear class and the type of foundation, a suitable thin bed bonded sealing with a building regulations certificate of suitability must be chosen.

Furthermore, the following factors should be taken into account:

- The drain or shower channel must be equipped with a special flange, which has an adhesive surface and a width of at least 50 mm.
- For bridging the material change from drain to screed, either a suitable sealing collar or sealing tape designed for overlapping with the thin bed bonded sealing over a width of at least 50 mm must be used.
- The screed must be laid at a minimum incline of 1–2%.
- The installation must be carried out in acc. with the mounting instructions and the manufacturer's information.

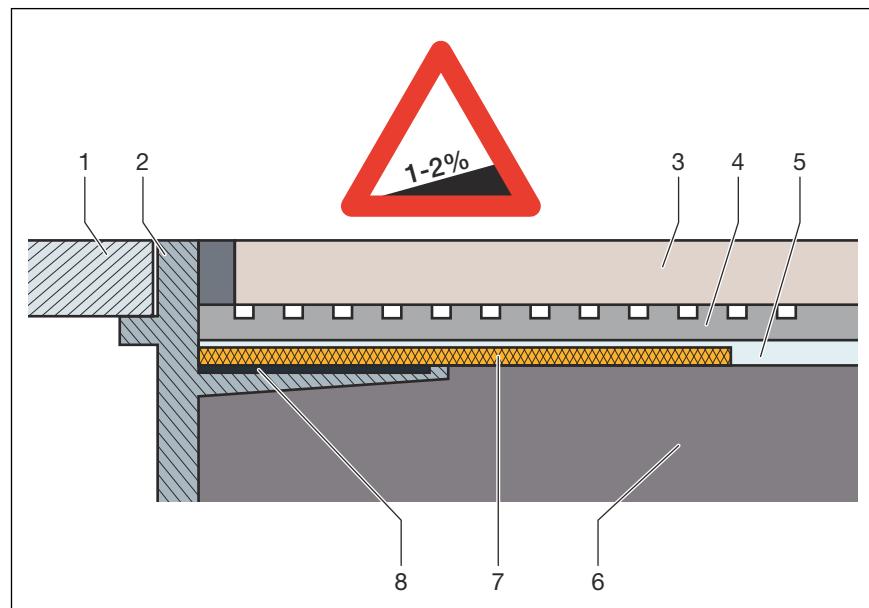


Fig. 3: Construction diagram of the bonded seal - min. screed incline 1–2 %

- 1 Grate
- 2 Top piece with adhesive flange
- 3 Tile
- 4 Tile cement
- 5 Bonded sealing
- 6 Screed
- 7 Sealing collar
- 8 Adhesive

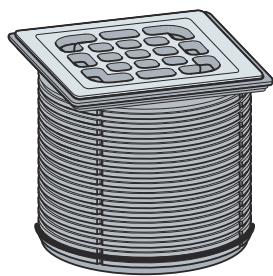
Permitted bonded seals

In connection with suitable drains, only approved bonded sealings with proof of practicability in keeping with building law may be used. See [« Chapter 2.1 'Standards and regulations' on page 5.](#)

Information regarding the procedure can be found in the instructions for use of the corresponding product.

2.5 Required accessories

Top



A top must be purchased separately to complete the mounting of the drain.

Advantix tops are available in a number of sizes and variations. You can also only buy an Advantix top frame and then purchase a suitable designer grate separately (see catalogue).

3 Handling

3.1 Assembly information

3.1.1 Important note

Before assembly:

- Check if the installation height of the drain and stacking element corresponds with the planned floor construction.
- Ensure that the drain has been fully lined with mortar.
- If necessary, supply the required accessories  *Chapter 2.5 'Required accessories' on page 9*.

During assembly:

- Observe installation dimensions.

After assembly:

- The flange must be fully lined with mortar.

3.1.2 Installation dimensions

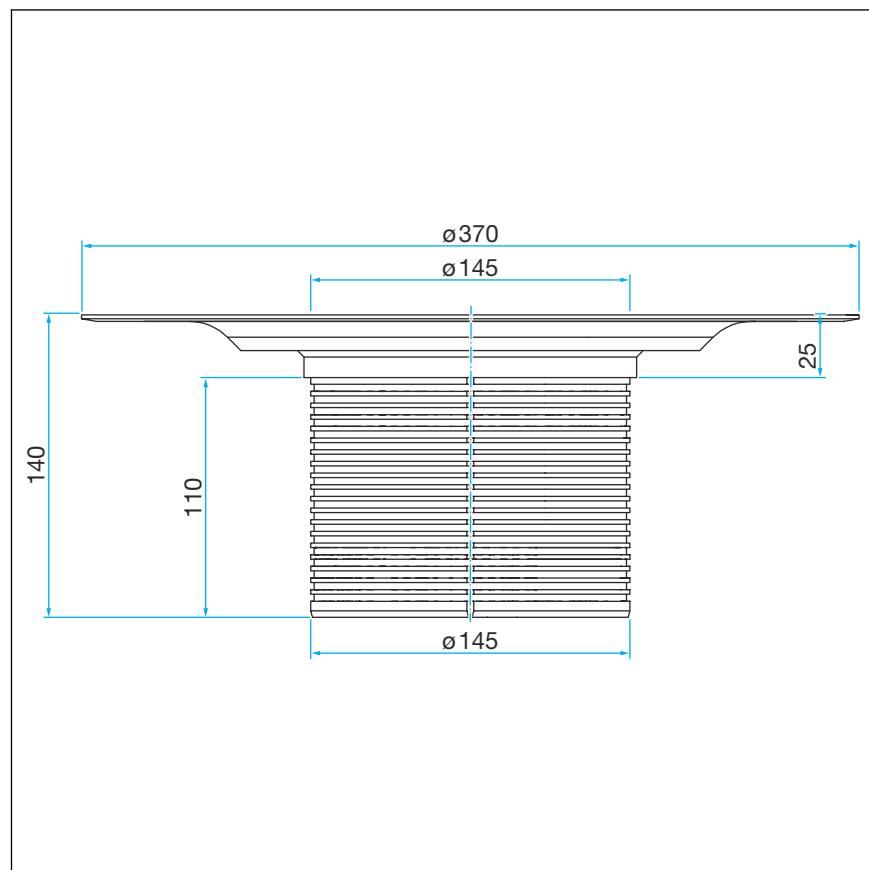


Fig. 4: Dimensional drawing for model 4994

3.1.3 Tools and materials

Required material

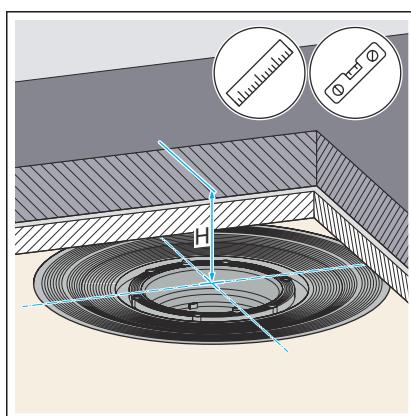
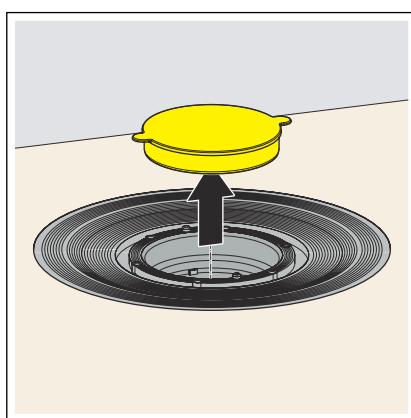
- Top with grate

3.2 Assembly

3.2.1 Mounting stacking element

Requirements

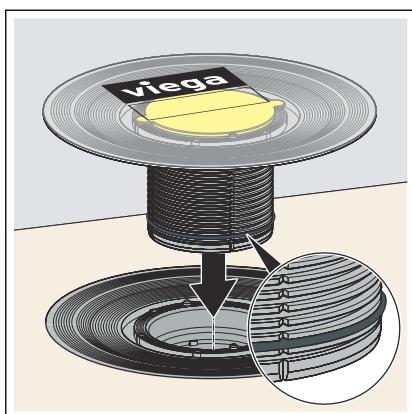
- The drain has been mounted and lined according to the instructions for use.
- ▶ Remove yellow protective plug from the drain.



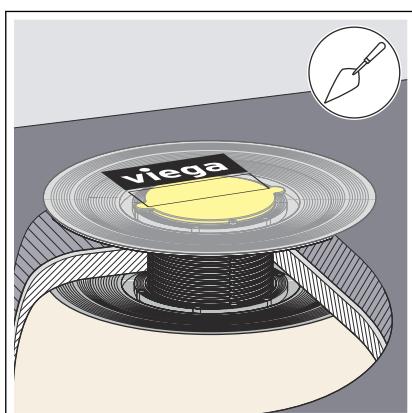
- ▶ Calculate the height of the floor construction from the edge in the inside of the drain up to the upper edge of the floor.



- ▶ Starting with the upper edge of the flange, transfer the measured height onto the stacking element.
- ▶ Cut the stacking element to the marked height.



- ▶ Install backflow seal.
- ▶ Insert the stacking element into the drain.



- ▶ Use a spirit level to horizontally align the stacking element and work the stacking element into the screed or floor covering.



NOTICE!

Product damage due to improper installation

If cavities occur when the stacking element is being lined, leaks may occur when pressure is applied.

Inform the subsequent workers that the flange of the stacking element must be lined all over and that there must be no cavities.

3.2.2 Sealing the drain



NOTICE!

Product damage due to improper installation

If hollow spaces occur during the lining of the flange, leaks may occur when pressure is applied.

Check the completion of the subsequent work.

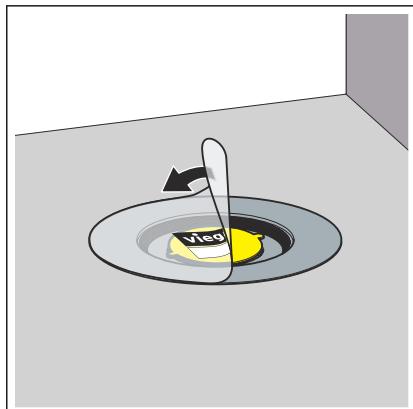
i The screed and floor tiles must be laid at an incline of 1–2 % in the direction of the drain.

Bonded sealing

Requirements:

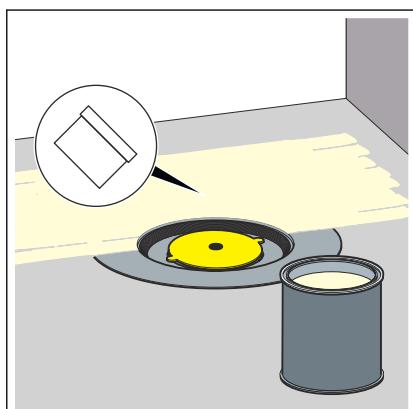
- The flange is free of heavy soil.
- The complete surface of the flange is lined with material and undamaged.

► Remove the protective cover.

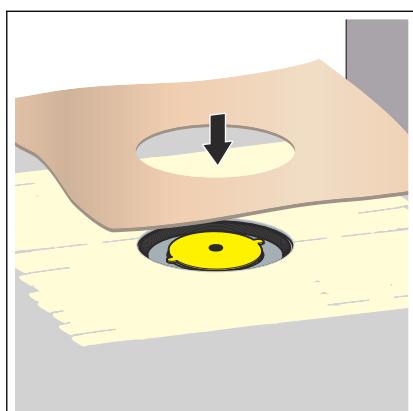


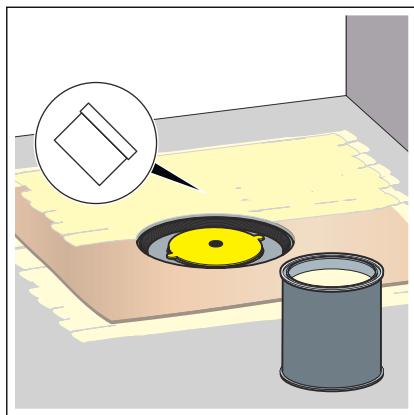
► Apply the bonded sealing on the dry screed and spread to the inner edge of the flange fleece.

NOTICE! Observe the bonded sealing manufacturer's instructions for use.



► Lay the sealing collar into the bonded sealing.



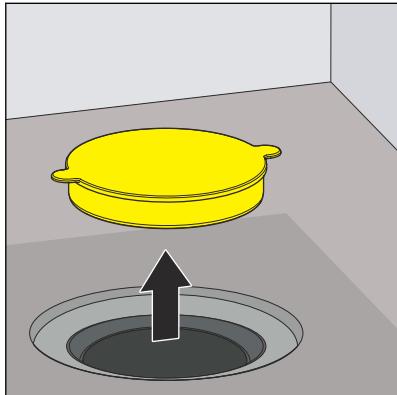


► Apply the second layer of bonded sealing onto the sealing collar and, if necessary, onto the floor.

3.2.3 Mounting the top

A top with the grate must potentially still be mounted to finish off the mounting of the drain. Proceed as follows:

- ▶ Remove the yellow protective plug.



- ▶ Cut the top flush to length with the upper edge of the tiles.
- ▶ Insert the top without the backflow seal.

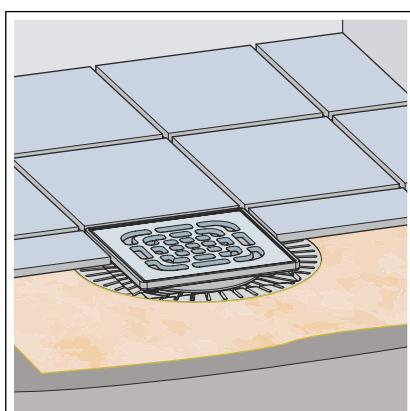


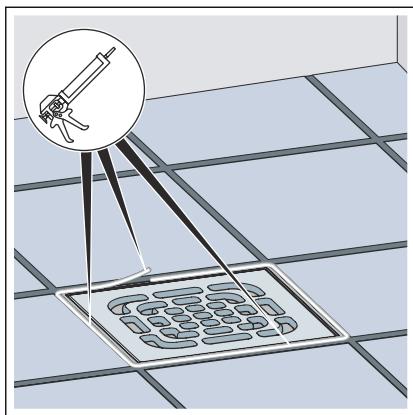
- ▶ Clean the insert ring for the top.

- ▶ Lay the tiles (min. tile size 100 x 100 mm).

Do not allow surface seal and tile adhesive to get in between the top and the flange.

Viega recommends using epoxy resin adhesive for optimum adhesion.





► Close the gap between grate and tiles with silicone.

3.3 Disposal

Separate the product and packaging materials (e. g. paper, metal, plastic or non-ferrous metals) and dispose of in accordance with valid national legal requirements.



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