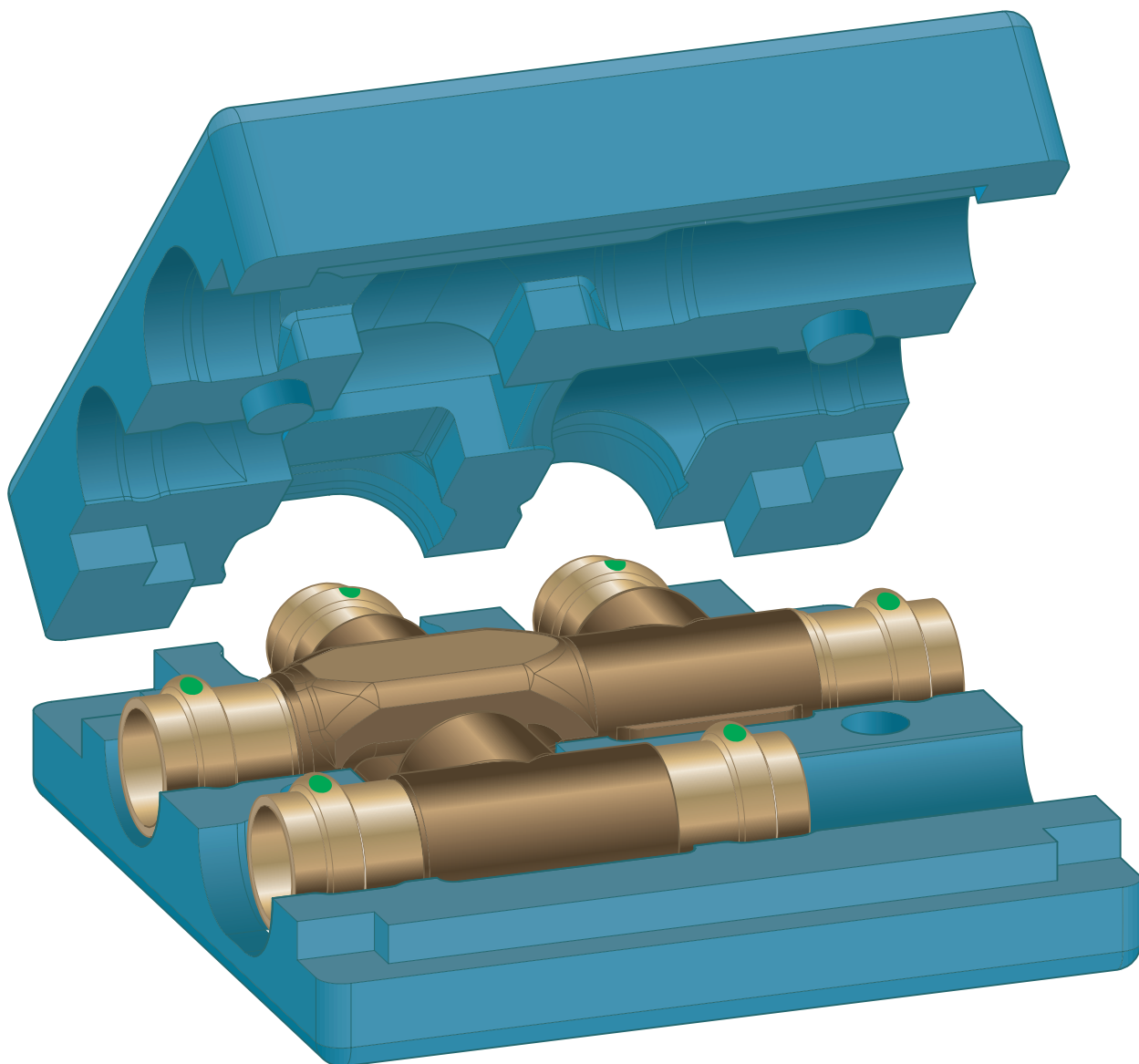


Instructions for Use

Sanpress cross T-piece with SC-Contur



for pipe crossing while keeping required installation height

Model
2249.3

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 manual is directed at heating and sanitary professionals and trained personnel.

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 Intended use



Agree the use of the model for areas of application and media other than those described with Viega.

2.1.1 Areas of application

The cross T-piece is especially suitable for maintaining the floor construction height at pipe crossings.

2.2 Product description

2.2.1 Overview

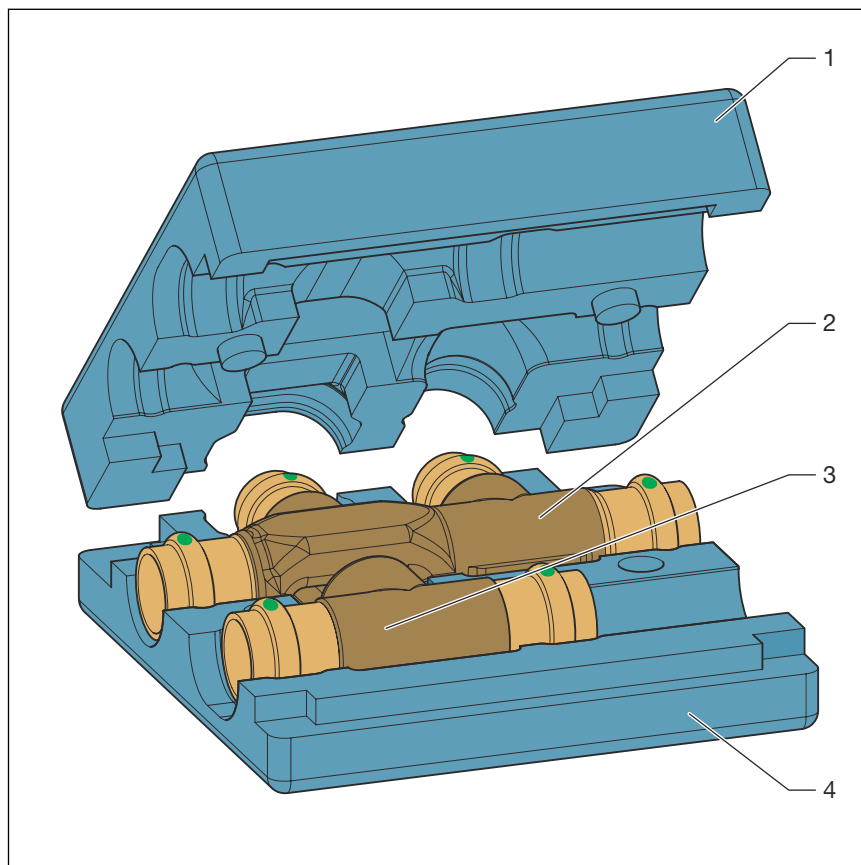


Fig. 1: Sanpress cross T-piece

- 1 - Insulating box
- 2 - Sanpress cross T-piece
- 3 - Sanpress cross T-piece
- 4 - Insulating box

The model is available in the following dimensions:

Article number	d1	d2
493 325	15	15
493 332	18	15
493 356	22	15
493 349	22	18

2.2.2 Technical data

Permissible operating temperature	110 °C
Permissible operating pressure	1 MPa (10 bar)
Thermal conductivity class of the insulating box	035

3 Handling

3.1 Assembly information

3.1.1 Mounting instructions

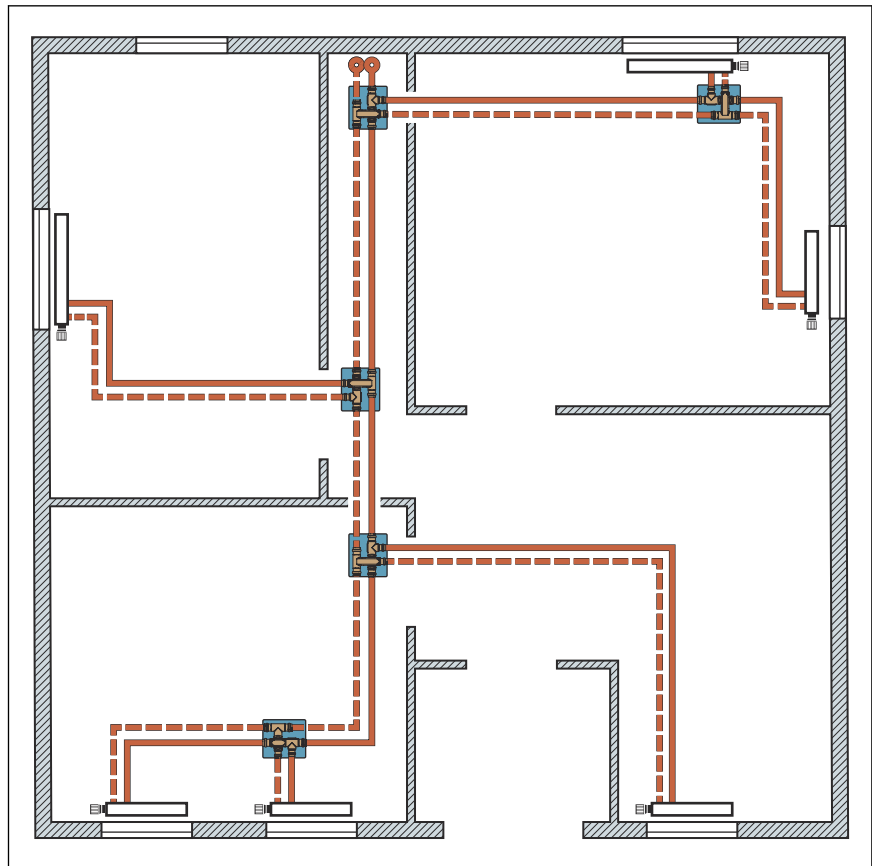


Fig. 2: Sanpress cross T-piece, example of application, floor plan

Lay the pipelines stress-free. The pipeline must be able to move freely at all times as a result of changes in length. Pipes running next to, above and across one another must not touch, also due to expansion. Arrange the pipe fasteners so that they do not become fixed points.

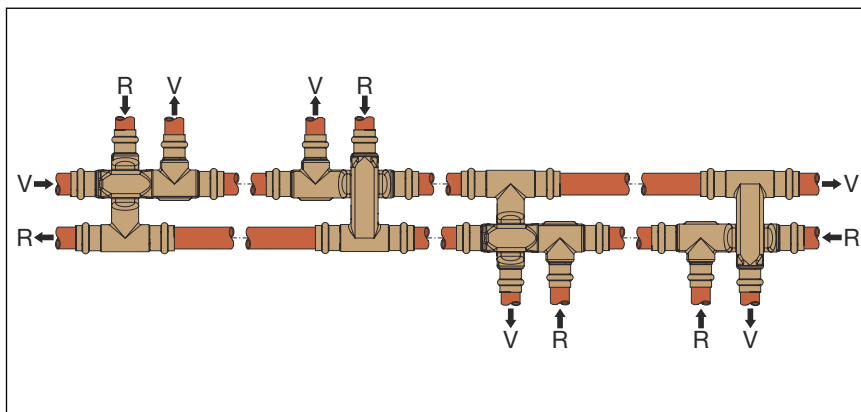


Fig. 3: Sanpress cross T-piece, example of application, distribution

When turning the cross T-pieces, pay attention to the flow (V) and return (R) outlets.



NOTICE!

Protect bare pipes and press connectors from external and mechanical properties.

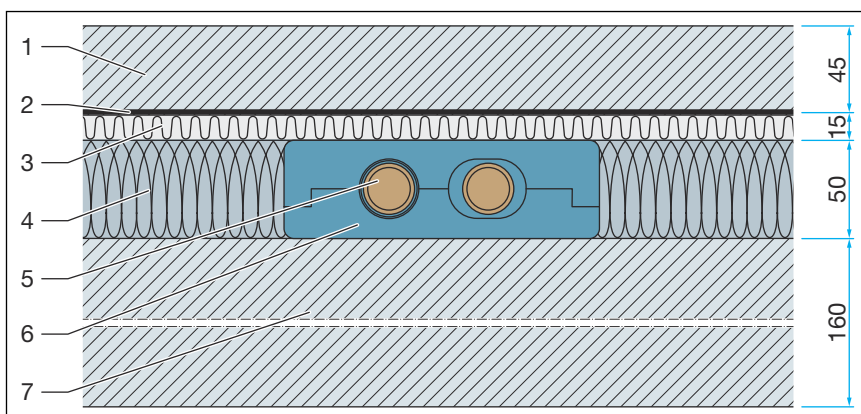


Fig. 4: Example of a screed construction with the cross T-piece

- 1 cement screed
- 2 PE foil
- 3 Footfall sound insulation
- 4 Cross T-piece
- 5 Insulating box WLG 035
- 6 Levelling layer
- 7 Concrete ceiling

If pipelines are laid on a load-bearing substrate, define the pipelines.

To support the insulating layer – or at least the footfall sound insulation as a minimum requirement – level the surface once again with a compensating material. Only use bonded fill for levelling above the pipelines.

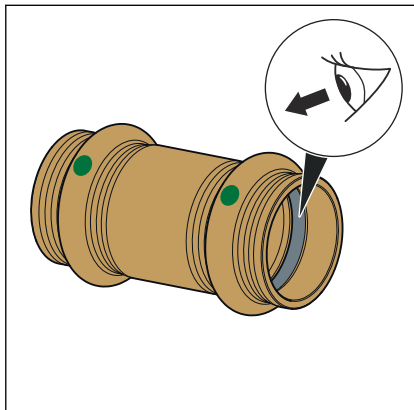
3.1.2 Space requirements and distances

Z dimensions

The Z dimensions can be found at www.viega.de.

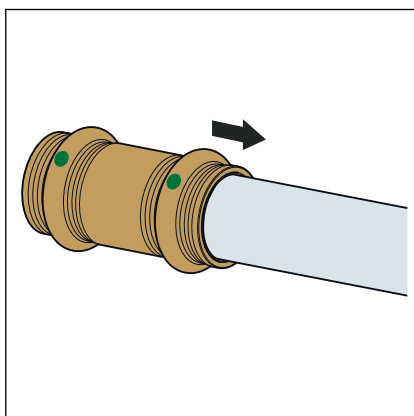
3.2 Assembly

3.2.1 Pressing the connection

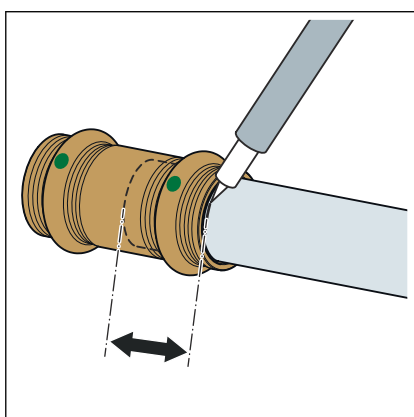


Requirements:

- The pipe end is not bent or damaged.
- The pipe is deburred.
- The correct sealing element is in the press connector.
EPDM = polished black
FKM = matt black

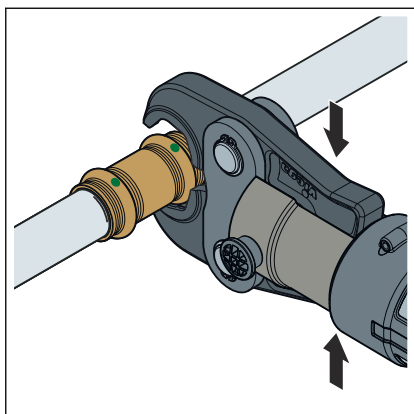


- Push the press connector onto the pipe as far as it will go.

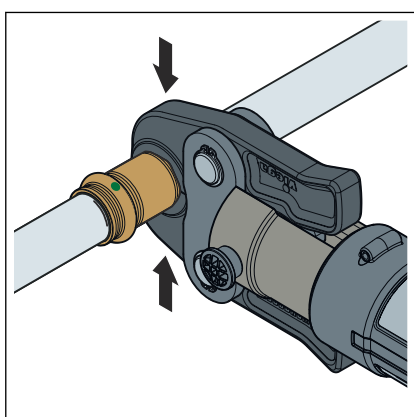


- Mark the insertion depth.
- Place the press jaw onto the press machine and push the retaining bolt in until it clicks into place.

INFO! Observe the press tool instruction manual.



- Open the press jaw and place it at a right-angle onto the press connector.
- Check the insertion depth using the marking.
- Ensure that the press jaw is placed centrally on the bead of the press connector.



- Carry out the pressing process.
- Open and remove the press jaw.
- ◻ Connection is pressed.

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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