

Viega Eco Plus WC corner element

Instructions for Use



Viega Eco Plus

Model
8141.2

en_INT

Year built:
from 07/2007

viega

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1 About these instructions for use

Trade mark rights exist for this document, further information can be found at viega.com/legal.

1.1 Target groups

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

- Heating and sanitary professionals and trained personnel

It is not permitted for individuals without the abovementioned training or qualification 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 against possible life-threatening injury.



WARNING!

This symbol warns against possible serious injury.



CAUTION!

This symbol warns against possible injury.



NOTICE!

This symbol warns against possible damage to property.



Notes give you additional helpful tips.

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. National regulations can be found on the relevant web site of your country at viega.com/standards.

Regulations from section: Fields of application / Mounting conditions

Scope / Notice	Regulations applicable in Germany
suitable masonry walls	EN 1996-1-1
suitable concreted walls	DIN 1045

Regulations from section: Sound protection

Scope / Notice	Regulations applicable in Germany
Fulfilled noise protection requirements	DIN 4109
Fulfilled noise protection requirements	DIN 4109 (additional sheet 2)
Fulfilled noise protection requirements	VDI 4100 SSt I-SSt II

2.2 Intended use

2.2.1 Areas of use

The Viega Eco Plus WC element is suitable for mounting on masonry wall constructions pursuant to the regulations in section 5 „Regulations from section: Fields of application / Mounting conditions“ on page 6.

2.3 Product description

2.3.1 Overview

The WC element is equipped as follows:

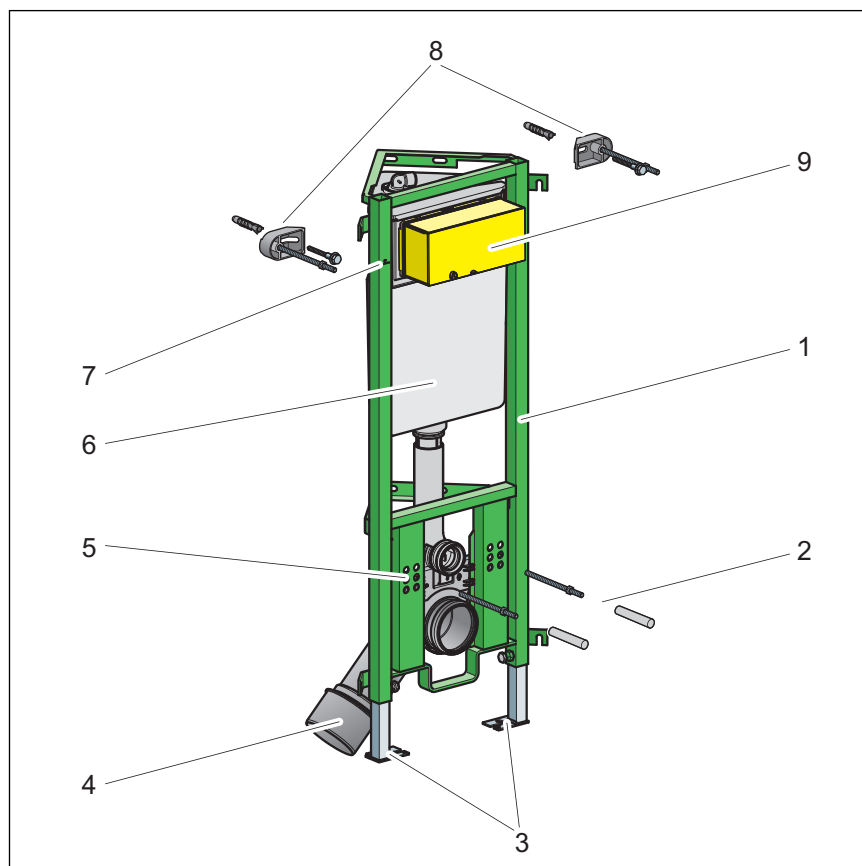


Fig. 1: Components

- 1 - Viega Eco Plus WC element
- 2 - threaded rods for fixing sanitary objects (gauges for bore hole 180 or 230 mm)
- 3 - adjustable feet
- 4 - drain elbow
- 5 - 3 fixing heights for the WC ceramic: 330 mm / 350 mm / 370 mm
- 6 - Viega concealed cistern 2C
- 7 - marking 1.0 m above the upper edge of the finished floor
- 8 - fixing set (not included in the scope of delivery model 8173)
- 9 - flush actuation site protection

2.3.2 Compatible components

The WC element is compatible with all common WC ceramics, even with larger projection (barrier-free).

The WC element can be extended by the following compatible components:

- fixing set (model 8173)
- connection installation set (model 8350.14)

Mount the components in accordance with the instructions for use of the components.

Connection installation set

The installation set is suitable for the connection of an electrical actuation. The installation set consists of an empty pipe, a cavity wall socket and the relative, required clip. The empty pipe connects the cavity wall socket with the concealed cistern.

Compatible flush plates

Product	Name	Model
Standard	Flush plate Standard 1	8180.1
Visign for Style	Flush plate Visign for Style 10	8315.1
	Flush plate Visign for Style 11	8331.1
	Flush plate Visign for Style 12	8332.1
	Flush plate Visign for Style 12	8332.4
	Flush plate Visign for Style 13	8333.1
	Flush plate Visign for Style 14	8334.1
	Functional unit	8332.3
Visign for More	Flush plate Visign for More 100	8352.1
	Flush plate Visign for More 101	8351.1
	Flush plate Visign for More 102	8353.1
	Flush plate Visign for More 103	8355.1
	Flush plate Visign for More 104	8354.1
Visign for Care sensitive	Flush plate sensitive Visign for Care	8352.21
Visign for More sensitive	Flush plate sensitive Visign for More 100	230 V 8352.11
	Flush plate sensitive Visign for More 100	6.5 V 8352.12
	Flush plate sensitive Visign for More 103	230 V 8355.11
	Flush plate sensitive Visign for More 103	6.5 V 8355.12

Product	Name	Model
Visign for Public	Flush plate Visign for Public 1	8326.1
	Flush plate Visign for Public 2	8327.1
	Remote actuation Visign for Public 1	8326.21
	Cover plate Visign for Public	8326.9

2.3.3 Sound protection

The WC element complies with the noise insulation requirements specified in section 5.2 „Regulations from section: Sound protection“ on page 6.

2.3.4 Technical data

Flush volume


Small flush volume	Factory setting	approx. 3 l
	Setting range	approx. 3–4 l
Large flush volume	Factory setting	approx. ca. 6 l
	Setting range	approx. 6–7.5 l

3 Handling

3.1 Assembly information

3.1.1 Mounting conditions

Suitable walls

The Viega WC element is suitable for mounting on masonry wall constructions pursuant to the regulations in section  „Regulations from section: Fields of application / Mounting conditions“ on page 6.

The WC element may only be mounted on even wall surfaces.

Construction height

With the construction height, the marked height of the upper edge of the finished floor must be observed.

WC ceramic

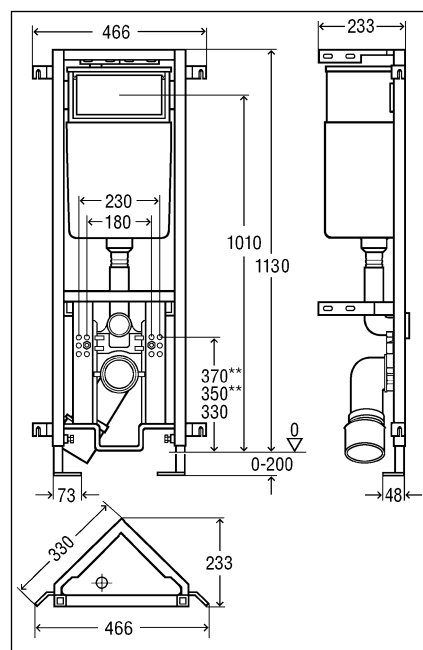
The WC element can only be used in combination with wall-hung WCs (fixing gauges for bore hole 180 mm or 230 mm).

Actuation

The corresponding empty pipe (included in the scope of delivery of the remote actuation) is required when preparing the remote actuation Visign for Public1.

3.1.2 Installation dimensions

Dimensions



** only possible with construction height 1130 mm.

3.1.3 Required tools

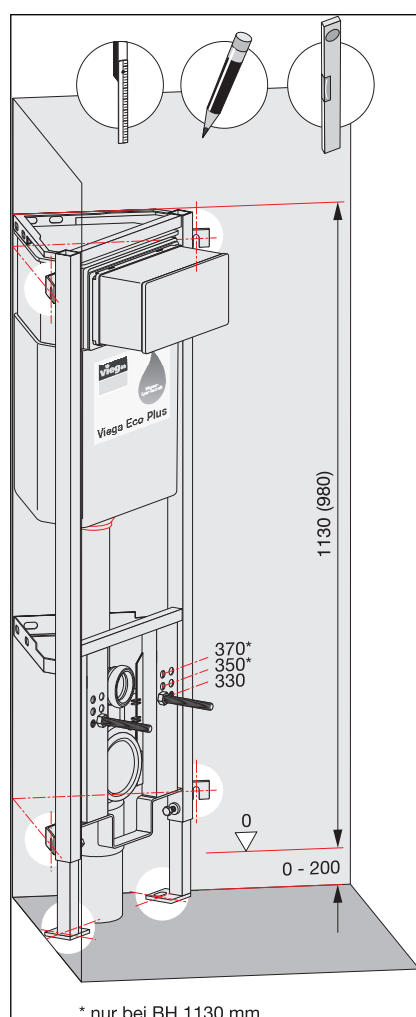
The following tools are required for mounting the WC corner element:

- drill with 10 mm drill bit
- ratchet with sockets: 13 mm / 17 mm
- fork or ring spanner: 13 mm / 17 mm / 19 mm

3.2 Assembly

3.2.1 Mounting WC element

WC mounting in a corner (approx. 90°)



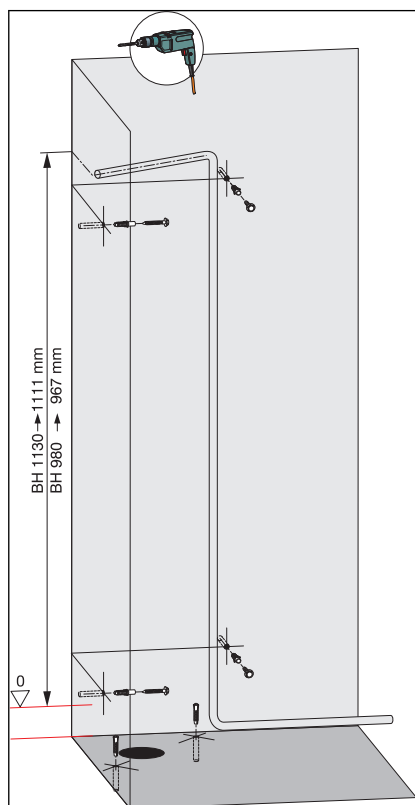
► Position WC element at construction height.

■ 1130 mm

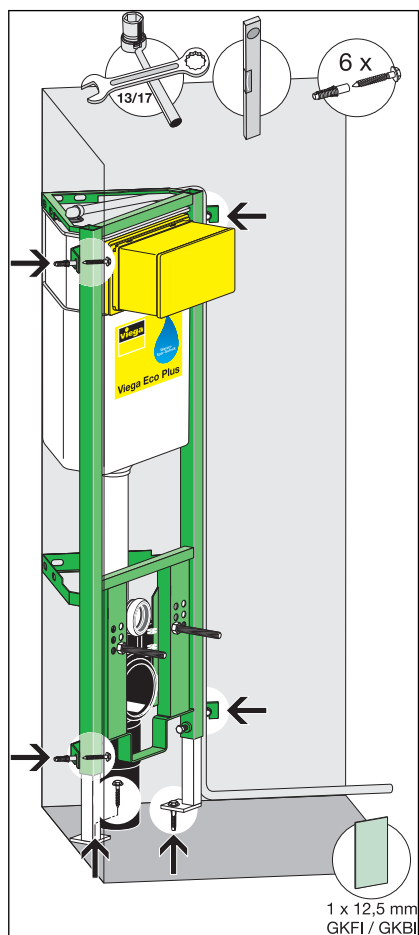
■ 980 mm

► Align WC element.

► Mark drill holes.

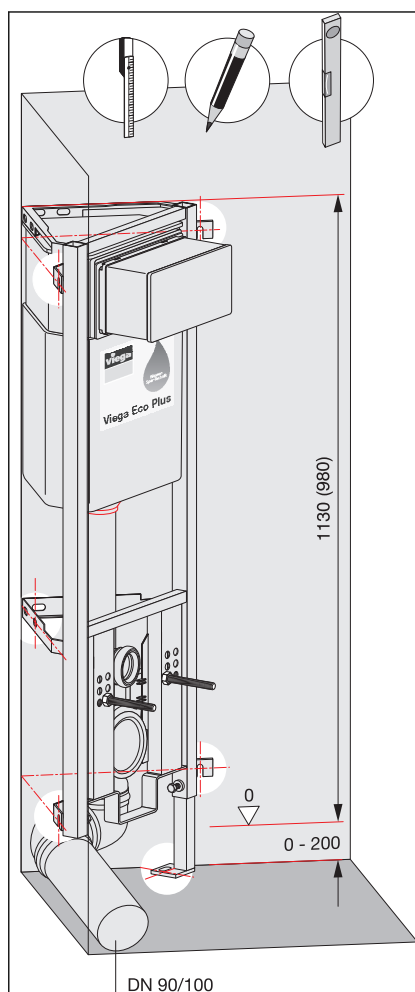


- Drill holes for the wall fixing and the floor supports.
- Hit dowel (10 mm) into the wall/floor.
- Position water pipeline.

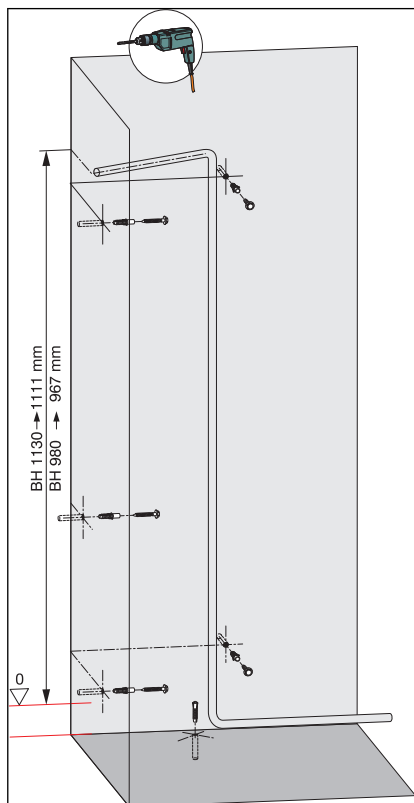


- Screw the WC element into the wall and into the floor (size 13).
- Clad corner element with a single layer of IFGP cladding panels (1 x 12.5 mm).

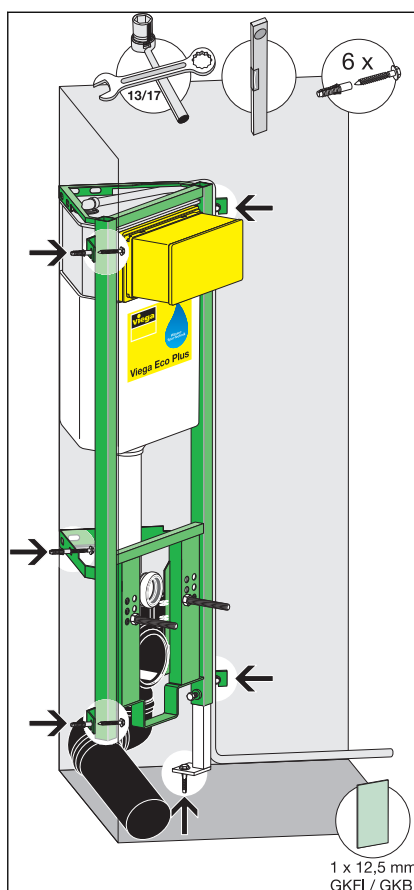
WC mounting in a corner (approx. 90°) with cladding of the drainage line



- Position WC element at construction height.
 - 1130 mm
 - 980 mm
- Align WC element.
- Mark drill holes (5 wall fixings and one floor support).

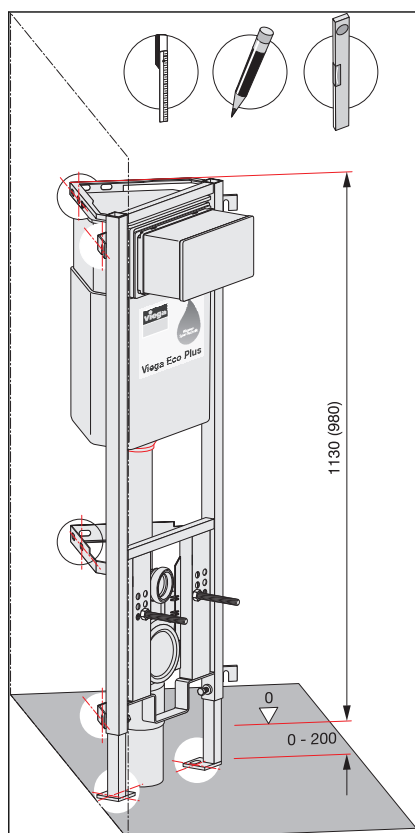


- Drill holes for the wall fixing and the floor support.
- Hit dowel (10 mm) into the wall/floor.
- Position water pipeline.

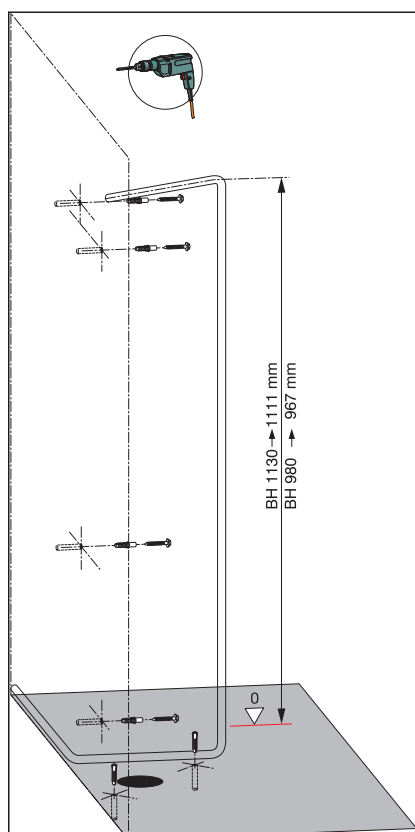


- Screw the WC element into the wall and into the floor (size 13).
- Clad corner element with a single layer of IFGP cladding panels (1 x 12.5 mm).

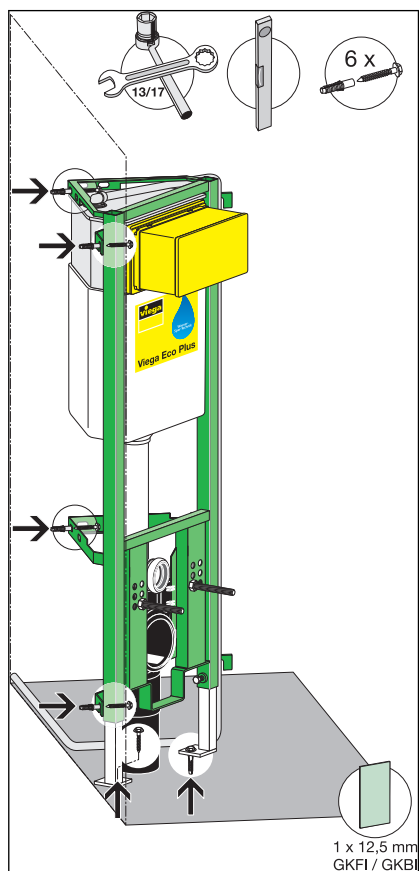
WC mounting on the wall (one-sided fixing)



- Position WC element at construction height.
 - 1130 mm
 - 980 mm
- Align WC element.
- Mark drill holes (4 wall fixings and two floor supports).

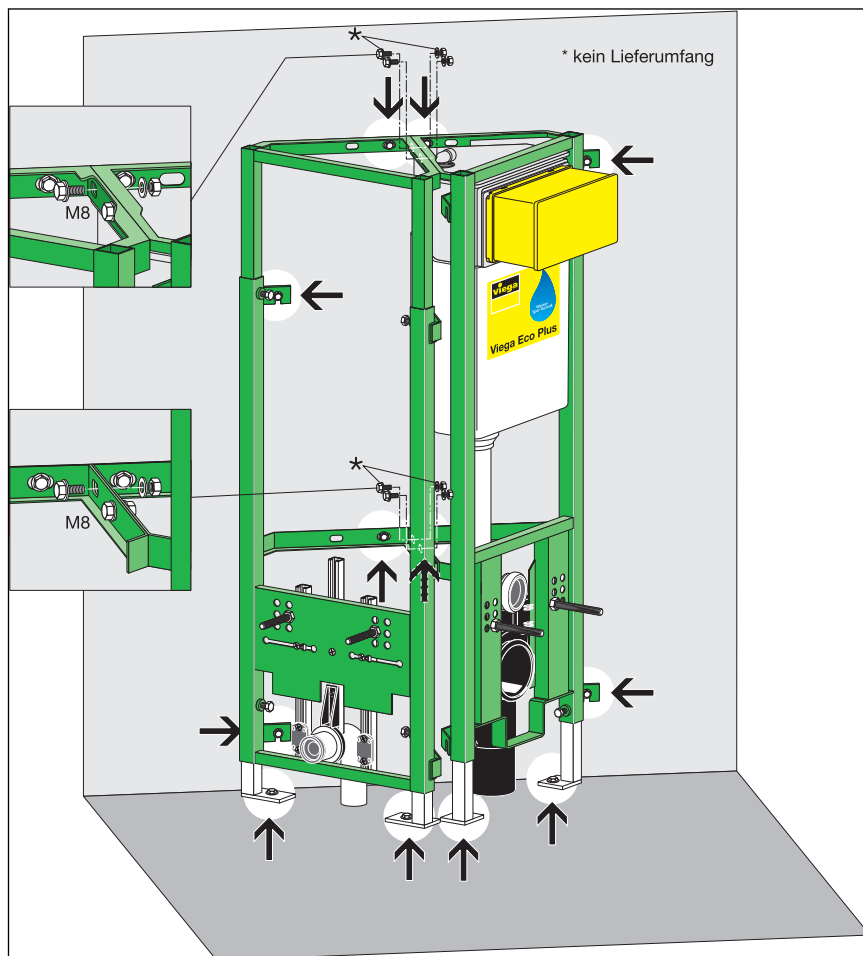


- Drill holes for the wall fixing and the floor support.
- Hit dowel (10 mm) into the wall and the floor.
- Position water pipeline.



- Screw the WC element into the wall and into the floor (size 13).
- Clad corner element with a single layer of IFGP cladding panels (1 x 12.5 mm).

Line mounting of corner elements



* no scope of delivery

► Position WC elements at construction height.

- 1130 mm
- 980 mm

► Align WC elements.

► Mark drill holes (each 4 wall fixings and two floor supports).

► Drill holes for the wall fixing and the floor supports.

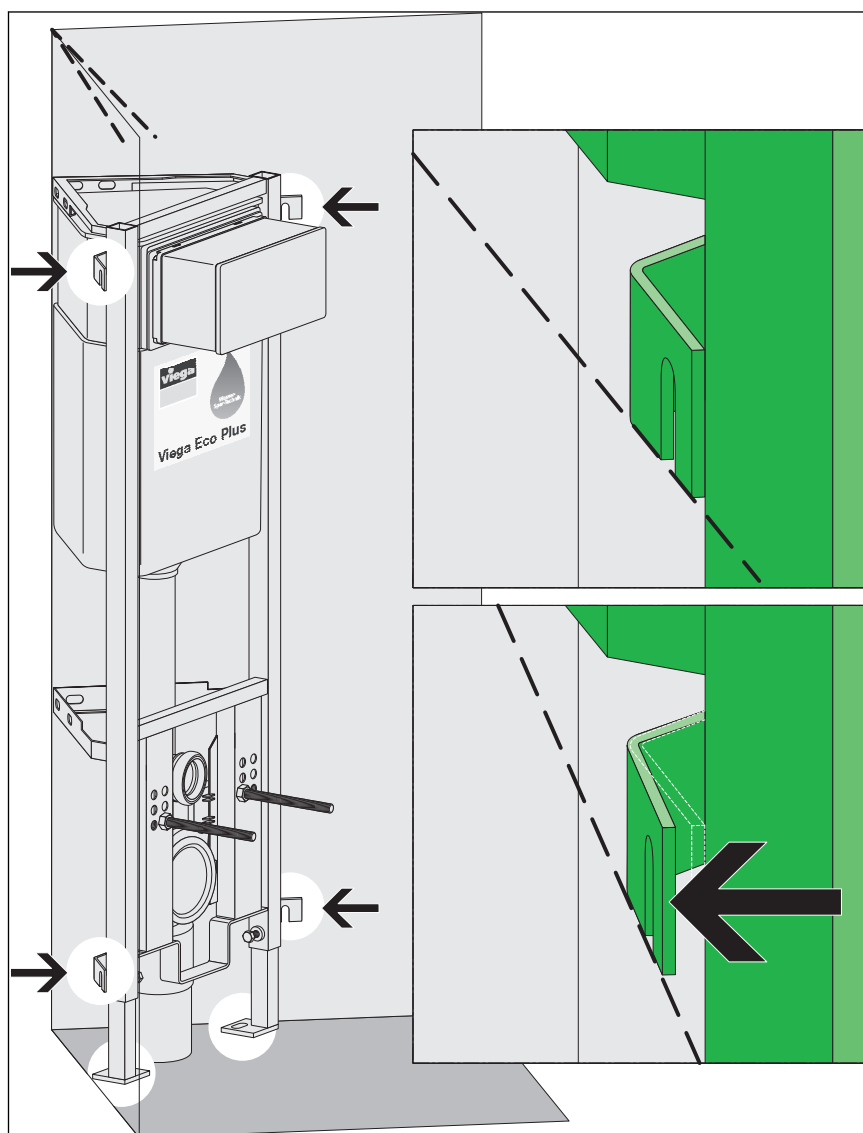
► Hit dowel (10 mm) into the wall and the floor.

► Position water pipeline.

► Screw WC elements into the wall, into the floor and together (size 13).

► Clad corner elements with a single layer of IFGP cladding panels (1 x 12.5 mm).

WC mounting in a corner >90°

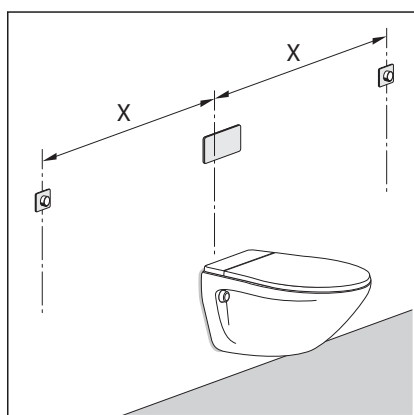


- Position WC element at construction height.
 - 1130 mm
 - 980 mm
- Align WC element.
- Align the lugs from the WC element on the wall.
- Mark drill holes (4 wall fixings and two floor supports).
- Drill holes for the wall fixing and the floor support.
- Hit dowel (10 mm) into the wall and the floor.
- Position water pipeline.
- Screw the WC element into the wall and into the floor (size 13).
- Clad corner element with a single layer of IFGP cladding panels (1 x 12.5 mm).

3.2.2 Preparing optional actuation versions

Prepare remote actuation

The corresponding empty pipe (included in the scope of delivery of the remote actuation) is required when preparing the remote actuation Visign for Public1 (model 8326.21).



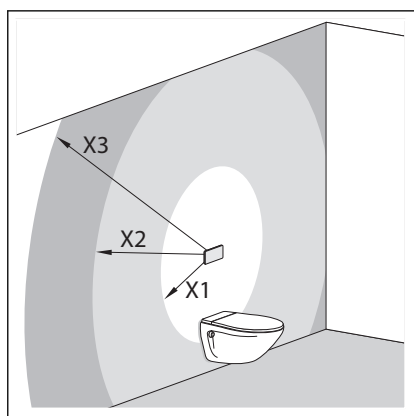
➤ Lead the empty pipe from the hollow wall socket into the concealed cistern.

Distance from the remote actuation to the cistern (x)

- min. 1.0 m
- max. 1.7 m

Prepare electrical actuation

A corresponding empty pipe (not included in the scope of delivery of the electrical actuation) is required for the preparation of the electrical actuation (model 8350.31 or model 8350.32).



➤ Lead empty pipe from the switch or button into the concealed cistern, to connect the concealed socket and concealed cistern.

Positioning of the cistern power pack

- X1= max. 0.75 m
- X2= max. 2.75 m with an extension cable, 1 x article number 628 505
- X3= max. 4.75 m with two extension cables, 2 x article number 628 505

3.2.3 Setting the flush volume

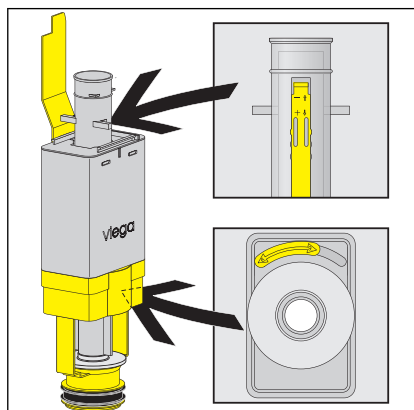


Immediate re-flushing of the flush volume is possible at the factory settings.

Small flush volume

The WC element is factory-set at a small flush of approx. 3 l. The small flush volume can be set at three levels: approx. 3 l / 3.5 l / 4 l.

➤ Remove the drain valve from the concealed cistern.



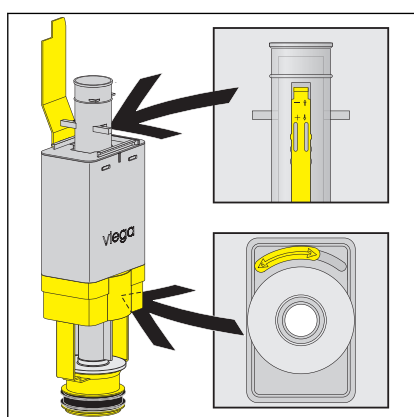
➤ Push the slide control on the side of the overflow pipe to the desired small flush volume:

- Top position: approx. 3 l
- Middle position: approx. 3.5 l
- Bottom position: approx. 4 l

The positions can be identified by the notches.

Large flush volume

The WC element is factory-set at a large flush volume of approx. 6 l. The large flush volume can be set continuously from approx. 6 l up to approx. 7.5 l.



➤ Push the slide control below the drain valve to the desired large flush volume:

- left: approx. 6 l
- right: approx. 7.5 l

3.3 Cleaning and maintenance

Cleaning work may only be carried out by specialist trade professionals or qualified experts.

Cleaning and maintenance of the concealed cistern

In consideration of the mechanical, chemical and physical conditions, the concealed cistern is constantly laden.

For this reason, the components must be cleaned, as required, and the drain and filling valve seals renewed.

In areas or regions with hard water due to calcium or magnesium salts, there is the risk of limescale deposits developing on the inlet and drain valves.

The valves may have to be replaced, depending on the extent of deposits.

3.4 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.