

# Viega Eco Plus urinal corner element

## Instructions for Use



for urinal with concealed flushing system, for connection of the Visign equipment set (manual and contact-free flush actuation)

**Model**  
8144

**Year built:**  
from 09/2005

en\_INT

**viega**



# Table of contents

<b>1</b>	<b>About these instructions for use</b>	<b>4</b>
1.1	Target groups	4
1.2	Labelling of notes	4
1.3	About this translated version	5
<b>2</b>	<b>Product information</b>	<b>6</b>
2.1	Standards and regulations	6
2.2	Intended use	6
2.2.1	Areas of use	6
2.3	Product description	7
2.3.1	Overview	7
2.3.2	Compatible components	7
2.3.3	Sound protection	8
2.3.4	Technical data	8
<b>3</b>	<b>Handling</b>	<b>10</b>
3.1	Assembly information	10
3.1.1	Mounting conditions	10
3.1.2	Installation dimensions	11
3.1.3	Required tools	11
3.2	Assembly	12
3.2.1	Mounting the urinal element	12
3.3	Disposal	25

# 1 About these instructions for use

Trade mark rights exist for this document, further information can be found at [viega.com/legal](http://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
- Drywall builder

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](http://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
suitable support profiles	DIN 18183

#### 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 urinal corner element is suitable for mounting on masonry wall constructions and support profiles pursuant to the regulations in section [↗](#) „Regulations from section: Fields of application / Mounting conditions“ on page 6.

## 2.3 Product description

### 2.3.1 Overview

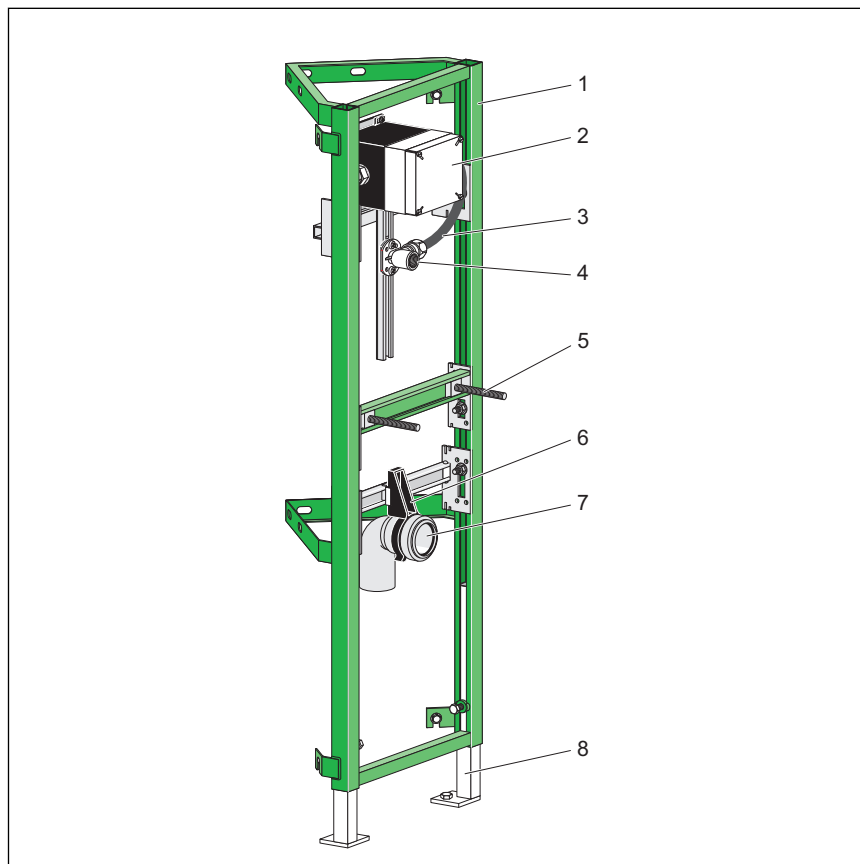


Fig. 1: Components

- 1 - Viega Eco Plus element
- 2 - urinal flushing system
- 3 - water inlet
- 4 - wall plate Rp ½
- 5 - threaded bolts for fixing sanitary objects
- 6 - mounting bracket for drain elbow
- 7 - drain elbow
- 8 - adjustable feet

### 2.3.2 Compatible components

#### Compatible flush plates

Product	Name	Model
Visign for Style	Flush plate Visign for Style 10	8315.2
	Flush plate Visign for Style 11	8331.2

Product	Name	Model
	Flush plate Visign for Style 12	8332.2
	Flush plate Visign for Style 13	8333.2
	Flush plate Visign for Style 14	8334.2
Visign for More	Flush plate Visign for More 100	8352.2
	Remote actuation Visign for More 100	8351.65
	Flush plate Visign for More 102	8353.2
	Flush plate Visign for More 103	8355.2
	Remote actuation Visign for More 103	8355.65
	Flush plate Visign for More 104	8354.2
Visign for Public	Flush plate Visign for Public	8326.2
	Remote actuation Visign for Public	8326.55
	Remote actuation Visign for Public	8326.65
	Cover plate Visign for Public	8326.7

### 2.3.3 Sound protection

The urinal element complies with the noise insulation requirements specified in section 5.1 „Regulations from section: Sound protection“ on page 6.

### 2.3.4 Technical data

The product has the following technical data:

drain elbow	DN 50
Fitting connection	Rp ½




Construction height	Article 556 975 – 1130 mm Article 611 941 – 1300 mm
Maximum height of urinal inlet from upper edge of the finished floor	880 mm

## 3 Handling

### 3.1 Assembly information

#### 3.1.1 Mounting conditions

##### Suitable walls

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

The urinal 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.



*The maximum height of the urinal inlet from upper edge of the finished floor = 880 mm.*

##### Actuation

The urinal element can be extended by a remote actuation or by a manual actuation,  Chapter 2.3.2 „Compatible components“ on page 7.

The corresponding actuation method must be prepared before the urinal element is clad and tiled.

### 3.1.2 Installation dimensions

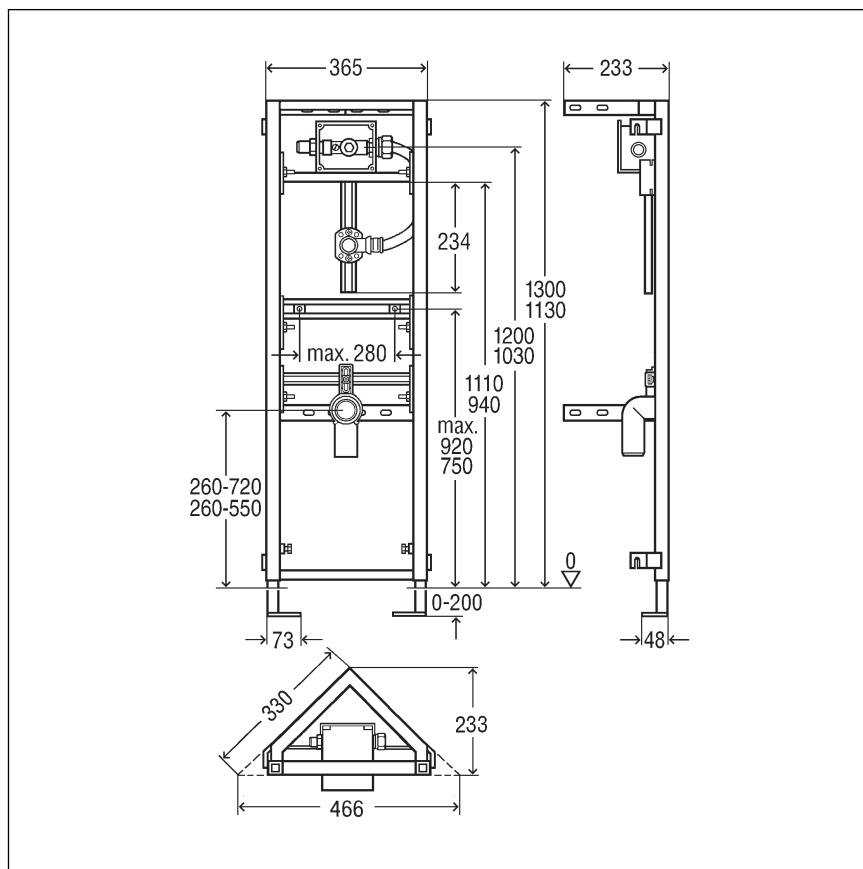


Fig. 2: Dimensions

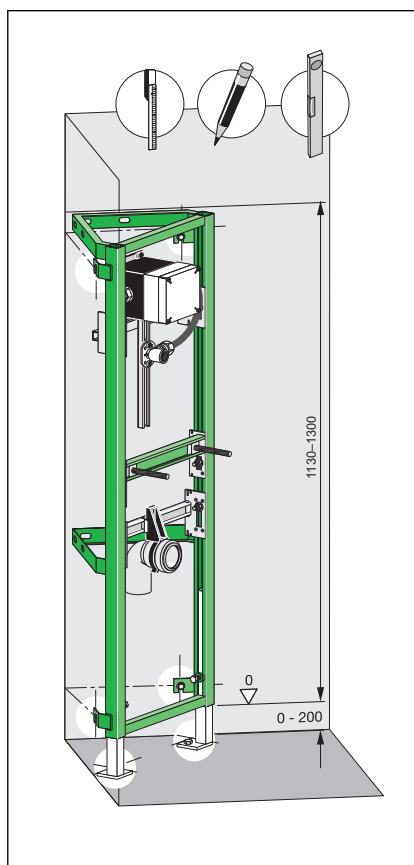
### 3.1.3 Required tools

- drill with 10 mm drill bit
- ratchet with sockets: 13 mm / 17 mm

## 3.2 Assembly

### 3.2.1 Mounting the urinal element

Mounting in a corner (approx. 90°)

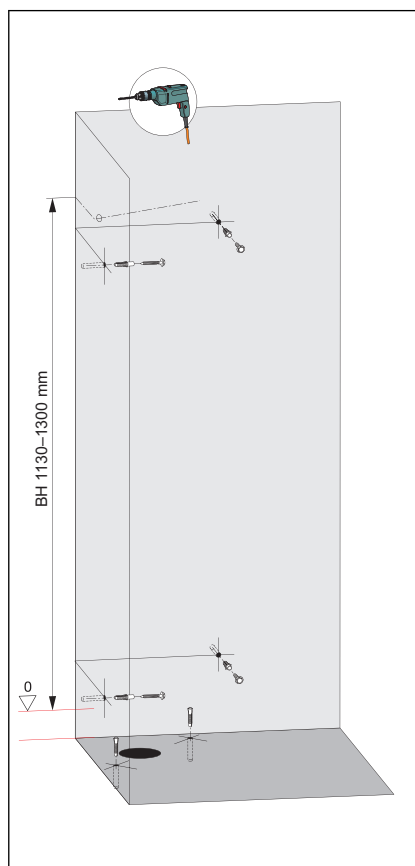


► Position the element at construction height.

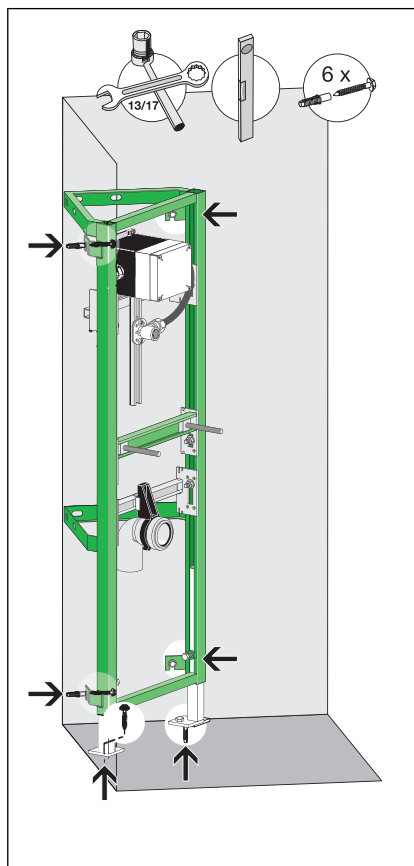
The element can be adjusted continuously from 1130–1300 mm.

► Align element.

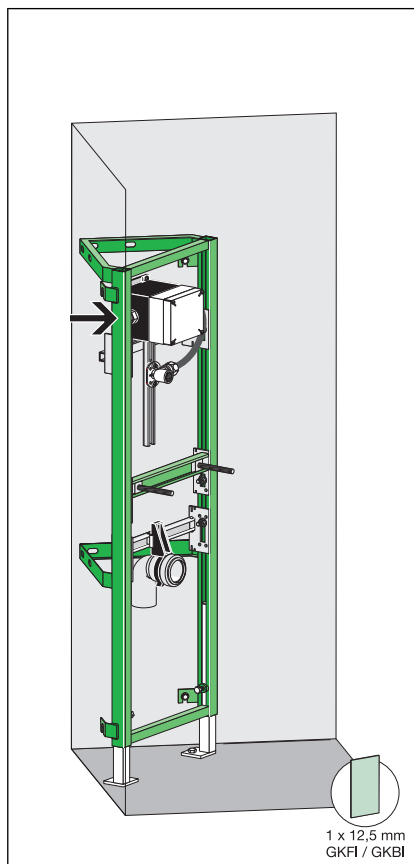
► Mark drill holes.



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

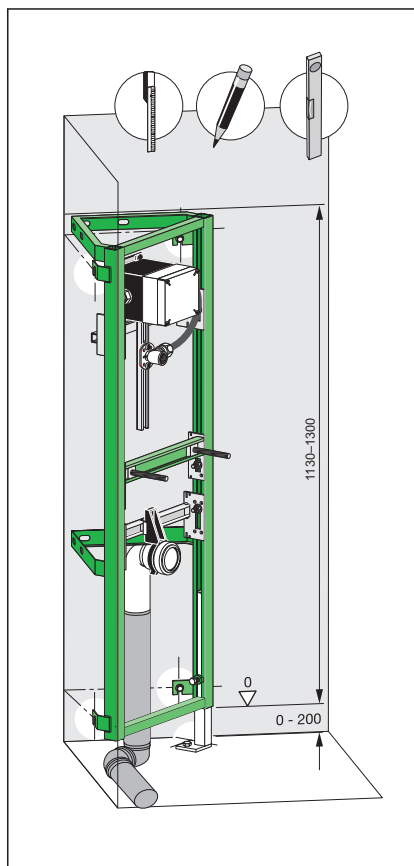


► Screw the element into the wall and into the floor (size 13 / 17).



- Connect water and wastewater pipe.
- Clad the element with a single layer of IFGP cladding panels (1 x 12.5 mm).

## Mounting in the corner (approx. 90°) with cladding of the drainage line

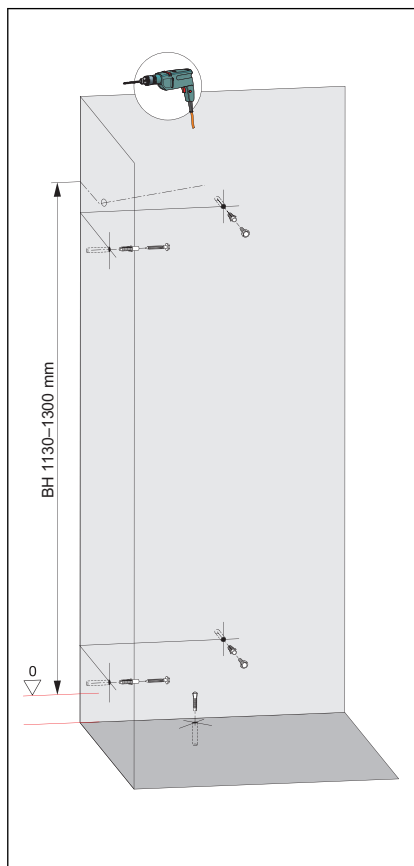


- Position the element at construction height.

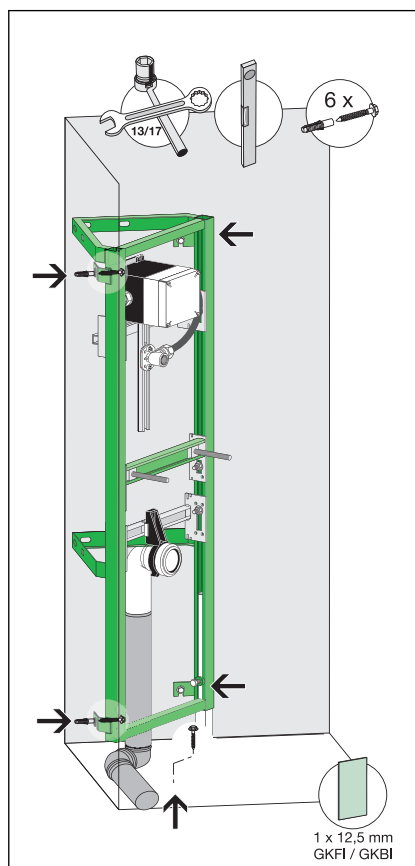
The element can be adjusted continuously from 1130–1300 mm.

- Remove the floor support where the drainage line is.
- Align element.
- Mark drill holes (5 wall fixings and one floor support).

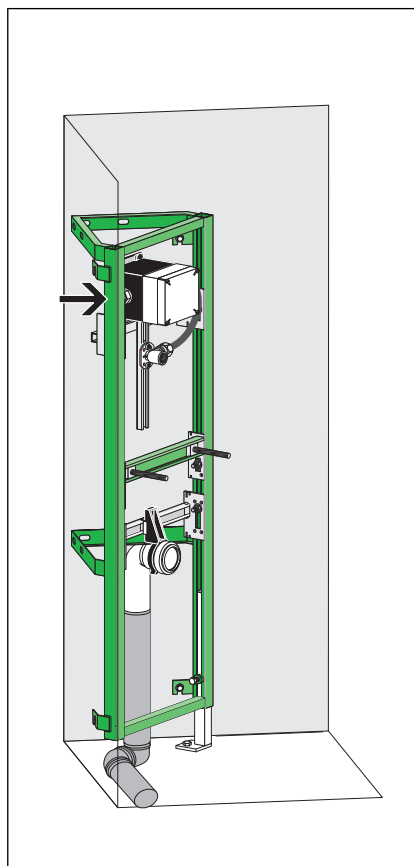




- Drill holes for the wall fixing and the floor support.
- Hit dowel (10 mm) into the wall/floor.

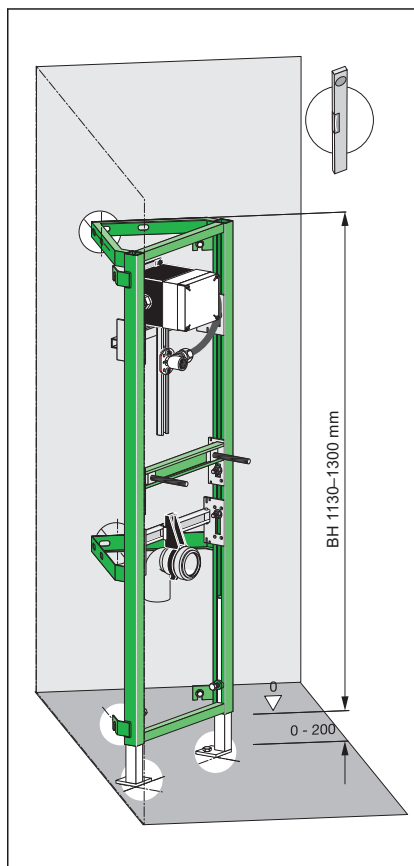


► Screw the element into the wall and into the floor (size 13 / 17).

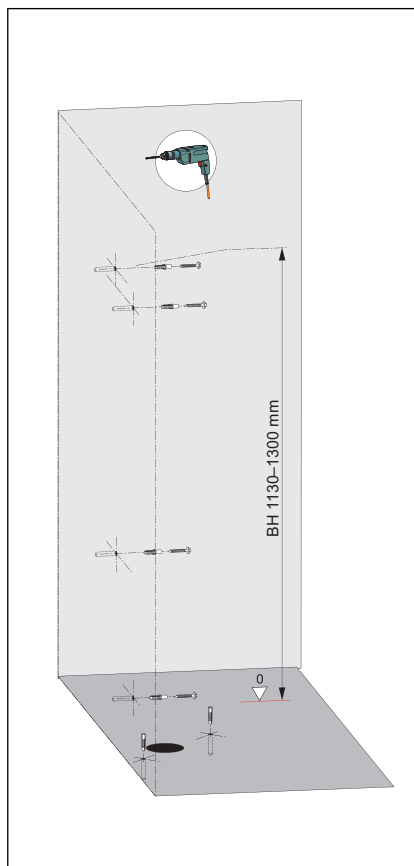


- Connect water and wastewater pipe.
- Clad the element with a single layer of IFGP cladding panels (1 x 12.5 mm).

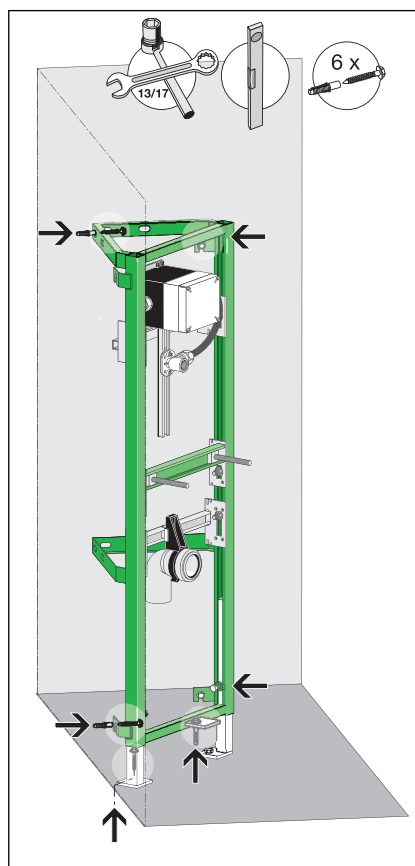
## Mounting on the wall (one-sided fixing)



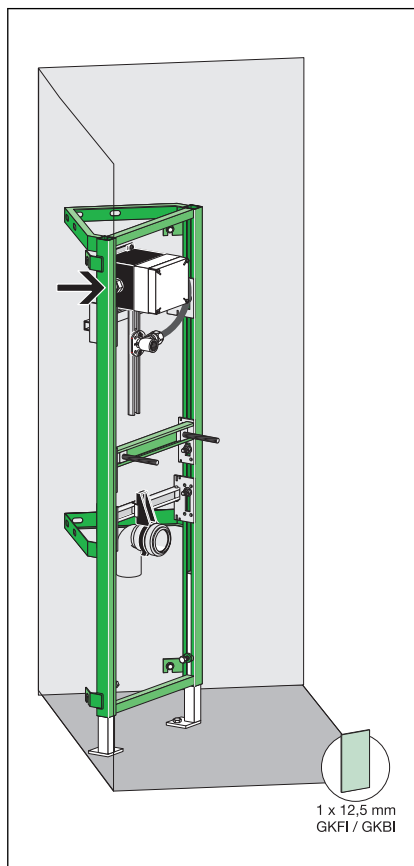
- Position the element at construction height.  
The element can be adjusted continuously from 1130–1300 mm.
- Align element.
- Mark drill holes (4 wall fixings and two floor supports).



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

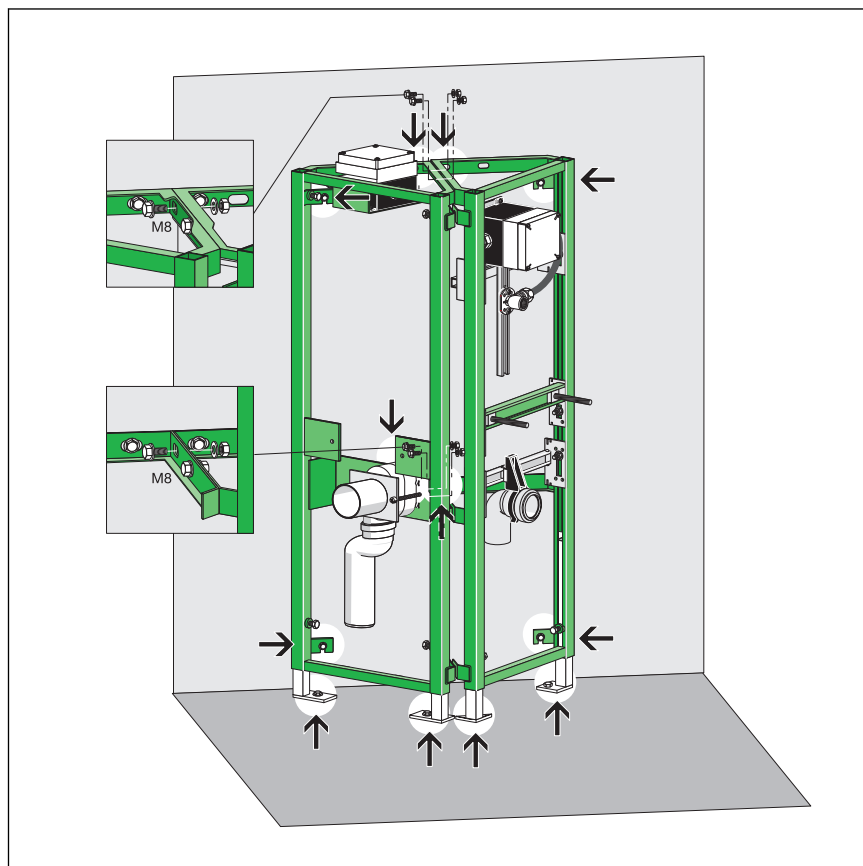


- Screw the element into the wall and into the floor (size 13).



- Connect water and wastewater pipe.
- Clad the element with a single layer of IFGP cladding panels (1 x 12.5 mm).

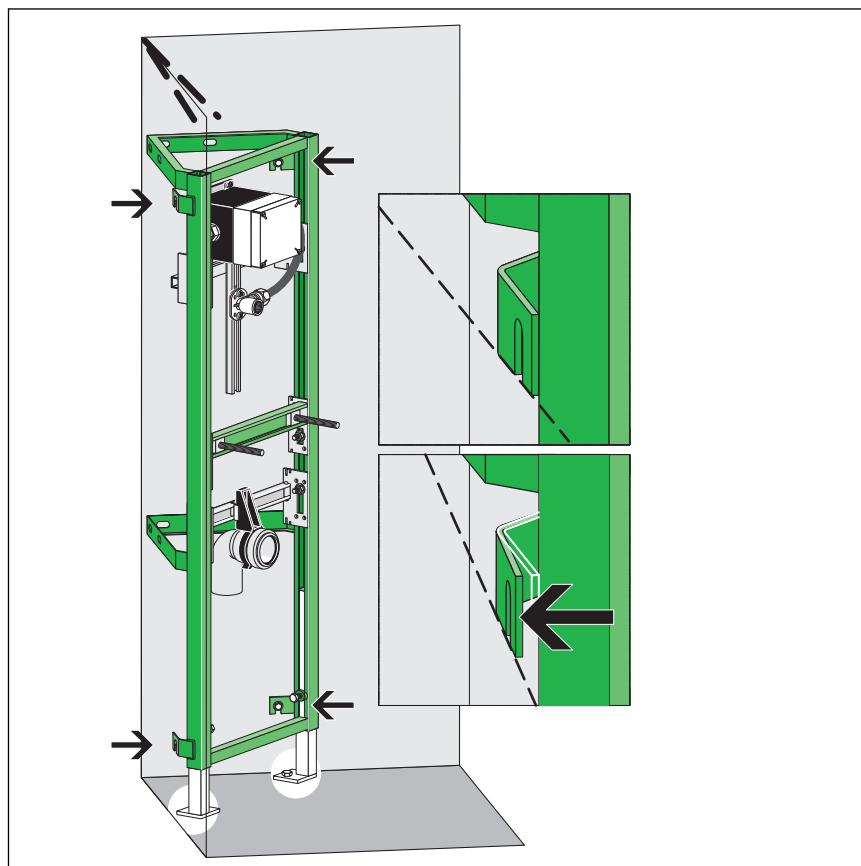
## Line mounting of corner elements



- Position the elements at construction height.  
The element can be adjusted continuously from 1130–1300 mm.
- Align 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.
- Screw elements into the wall, into the floor and together (size 13).
- Connect water and wastewater pipe.
- Clad the corner elements with a single layer of IFGP cladding panels (1 x 12.5 mm).



## Mounting in a corner > 90°



- Position the element at construction height.  
The element can be adjusted continuously from 1130–1300 mm.
- Align 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.
- Screw the element into the wall and into the floor (size 13).
- Connect water and wastewater pipe.
- Clad the element with a single layer of IFGP cladding panels (1 x 12.5 mm).

## 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.