

Viega Eco Plus Urinal element

Instructions for Use



for connection of the Visign equipment set (manual and touch-less flush actuation)

Model
8164.5

Year built:
from 12/2002

en_INT

viega

Table of contents

1	About these instructions for use	4
1.1	Target groups	4
1.2	Labelling of notes	4
1.3	About this translated version	5
2	Product information	6
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
2.4	Accessories	9
3	Handling	10
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	11
3.2.1	Mounting the urinal element	11
3.3	Disposal	16

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
- 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.
	<i>Notes give you additional helpful tips.</i>

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
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 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

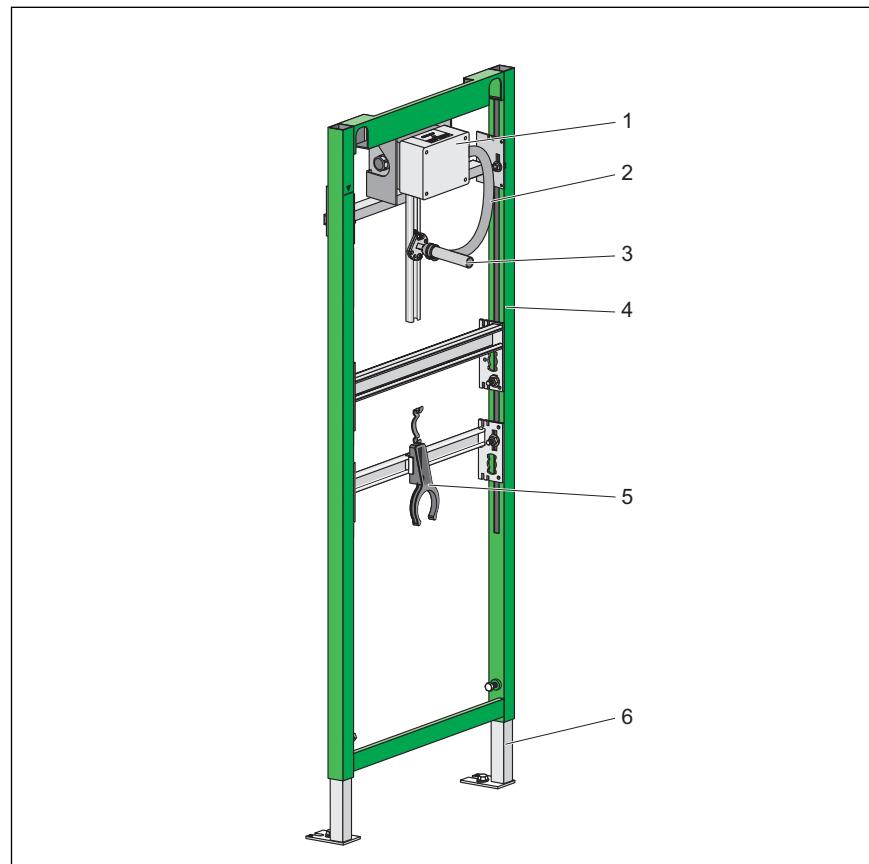


Fig. 1: Components

- 1 - installation set
- 2 - water inlet
- 3 - supply fitting
- 4 - Viega Eco Plus element
- 5 - mounting bracket for drain elbow
- 6 - 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  „Regulations from section: Sound protection“ on page 6.

2.3.4 Technical data

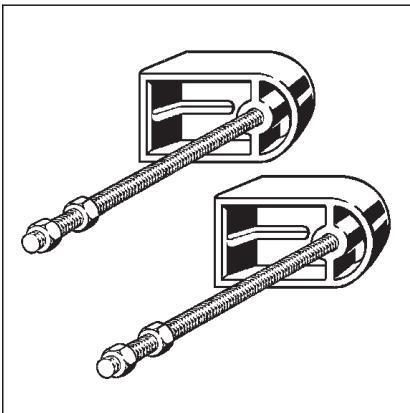
The product has the following technical data:

drain elbow	DN 50
Fitting connection	Rp 1/2

Construction height	Article 461 843 – 1130 mm Article 611 934 – 1300 mm
Hole diameter for fixing in wooden frame construction	11 mm
Maximum height of urinal inlet from upper edge of the finished floor	880 mm

2.4 Accessories

Required accessories



The fixing set model 8173 is required to secure.

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

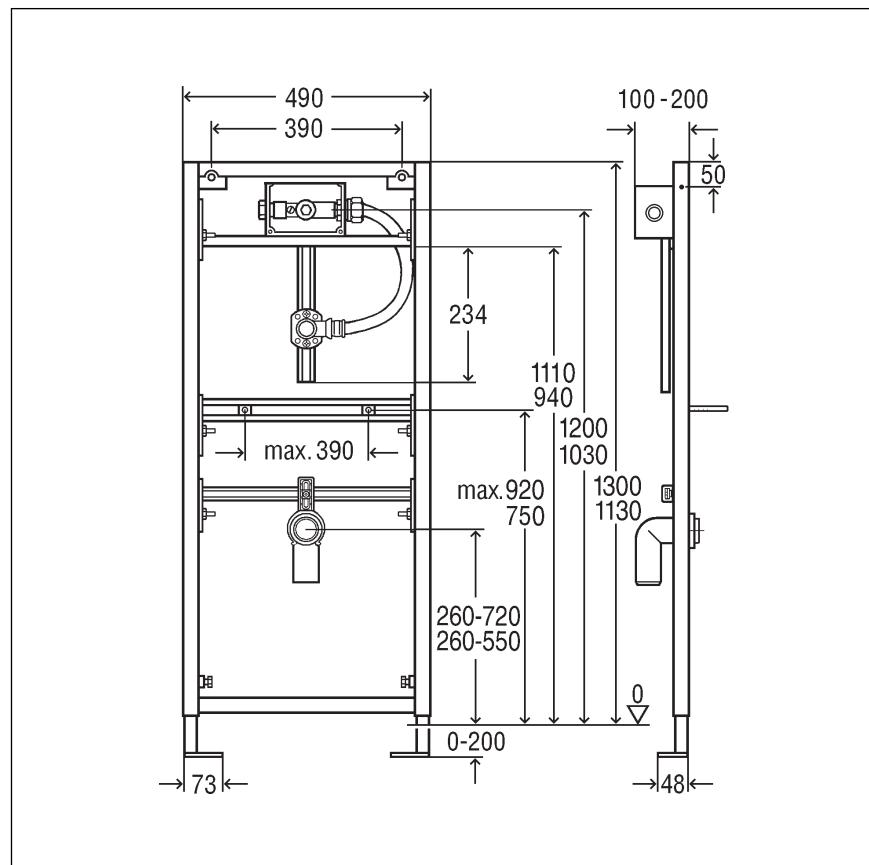


Fig. 2: Dimensions

3.1.3 Required tools

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

3.2 Assembly

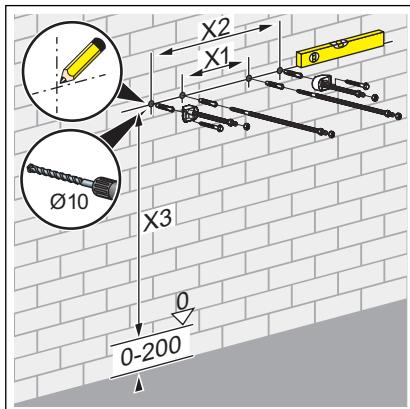
3.2.1 Mounting the urinal element

Masonry wall



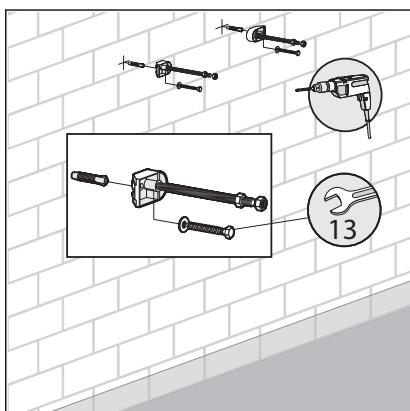
Masonry and concreted walls

You should use a support bracket (model 8165) when mounting multiple urinal elements with an interval of > 490 mm. Observe the instructions for use of the support bracket when mounting.



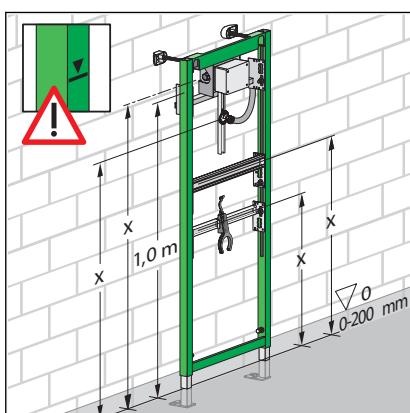
► Determine and mark fixing points.

- X1: 390 mm (model 8180.73)
- X2: 440 mm (model 8173)
- X3: 1100 mm



► Drill holes.

► Mount the fixing set with the fork spanner (size 13).



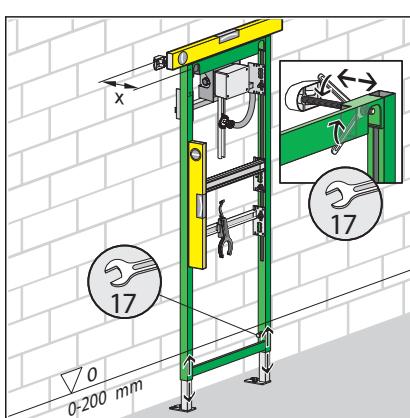
► Align the height of the urinal element in accordance with the cutting check.

Determine construction height in accordance with the on-site marking of the upper edge of the finished floor.

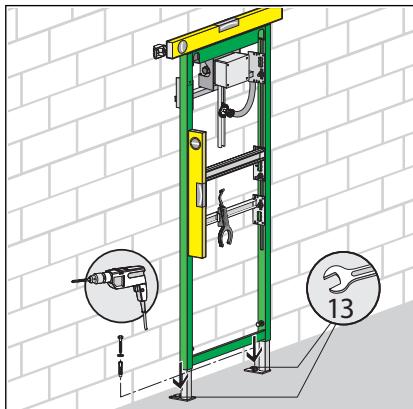
x = Observe the instructions of the urinal manufacturer.

INFO! The construction height must be determined and adhered to exactly.

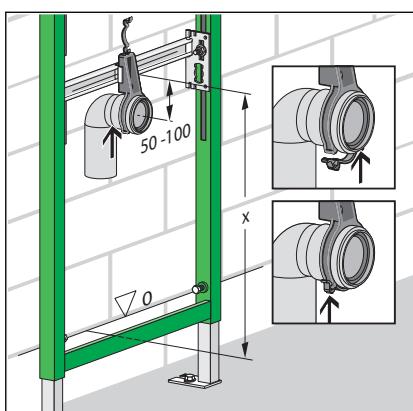
There are only limited possibilities available to remedy errors made during this assembly step,  „Construction height“ on page 10.



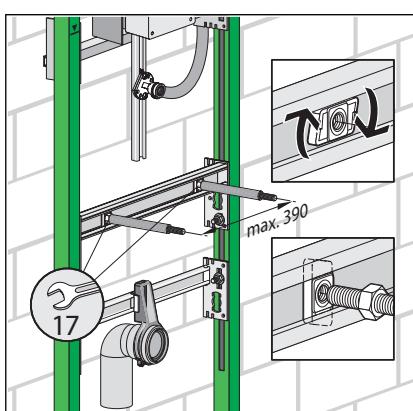
► Set the installation depth of the pre-wall element with the fork spanner (size 17).



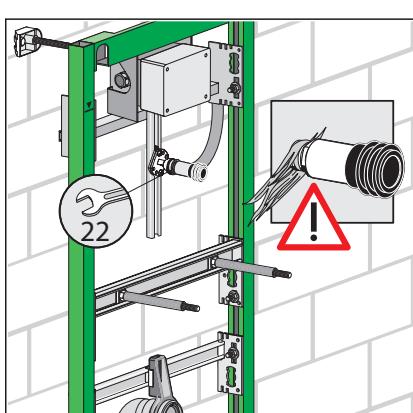
- ▶ Attach urinal element to the floor using the fork spanner (size 13) and the screws and dowels supplied.



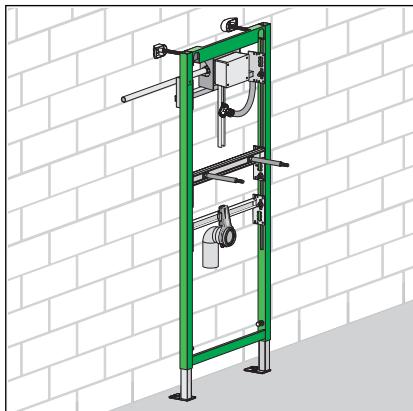
- ▶ Mount drain elbow in mounting bracket.
- ▶ Secure with a bracket.
- ▶ Set height of the drain elbow (50 mm)



- ▶ Mount threaded bolts.



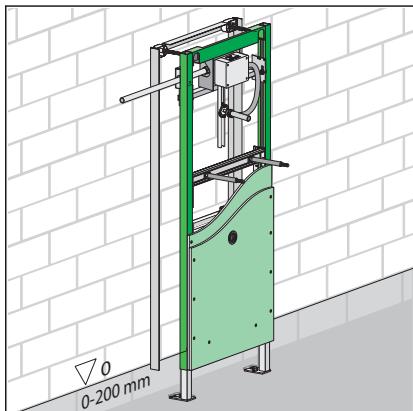
- ▶ Seal supply fitting.
- ▶ Screw supply fitting into the wall plate.



- ▶ Connect water line.

DANGER! Risk of electric shock. Work on the electrics may only be carried out by trained electricians.

- ▶ Lay the electrical cable in the installation set.



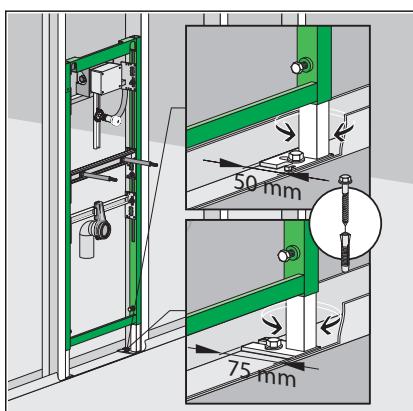
- ▶ Connect water line.

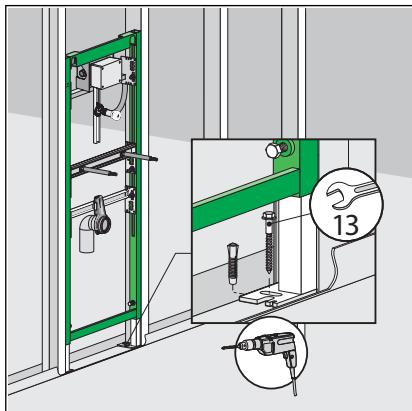
- ▶ Double-clad urinal element (2 x 12.5 mm).

Mounting in Viega Eco Plus

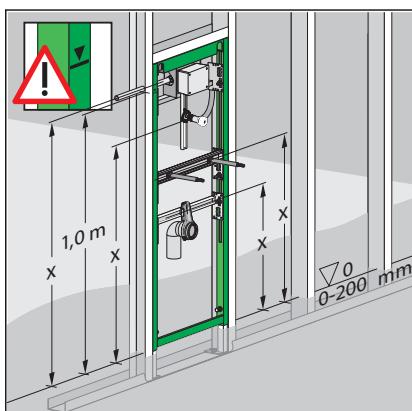
The urinal element can be installed in support profiles of 50 mm and 75 mm.

- ▶ Determine the fixing points.
- ▶ Align element.
- ▶ Mount drain elbow, threaded bolts and supply fitting.
- ▶ If necessary, adjust the pre-mounted feet from 75 mm to 50 mm:
Pull the foot out and turn by 90°.





► Attach urinal element to the floor using the fork spanner (size 13) and the screws and dowels supplied.



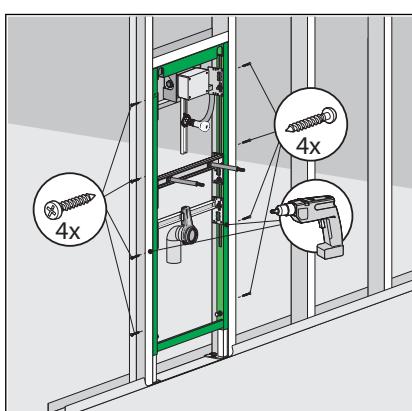
► Determine construction height in accordance with the on-site marking of the upper edge of the finished floor.

► Pull urinal element up (cutting check) and align.

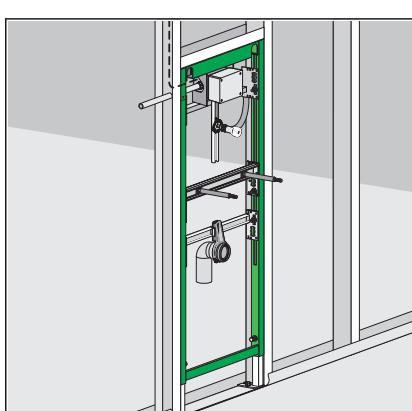
x = Observe the instructions of the urinal manufacturer.

INFO! The construction height must be determined and adhered to exactly.

There are only limited possibilities available to remedy errors made during this assembly step, *„Construction height“* on page 10.



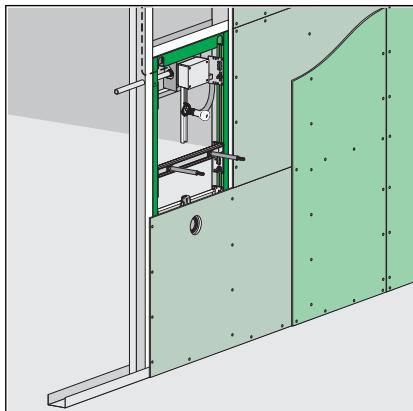
► Screw the urinal element together laterally with the support profiles.



► Connect water line.

DANGER! Risk of electric shock. Work on the electrics may only be carried out by trained electricians.

► Lay the electrical cable in the installation set.



► Double-clad urinal element (2 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.