



viega

Welcome!

GREETINGS FROM

Viega

- 110 years experience & competence in plumbing
- Still family owned (4th generation)
- More than 3000 employees worldwide
- Over 18,000 products in the area of installation technology
- World market leader in press-connecting technology
- 6 Manufacturing facilities
- Exports to over 75 countries worldwide
- 11 Intl. Sales Offices

The company

A tradition of innovation



Brass fittings for the beer industry

Outlet and overflow valves for washbasins, sinks and baths

PE-Xc-piping systems and gunmetal connectors

Pre-wall installation equipment

Introduction of the SC-Contur

1899

1935

1983

1993

2000

1901

1963

1989

1995

2010

Installation materials for water piping

Soldered fittings made of copper/ Plastic sanitary products

Launch of the Viega press technology

Copper press connection technology

Raxofix plastic piping system



○ **Viega Core Business Fields:**

○ Drinking Water Technologies



○ GAS Supply Technologies



○ Flushing & Pre-Wall Technologies



○ Drainage Technologies





The Viega system world
Everything from one supplier

Viega – at work in all sectors

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Building services installations



Energy supply



Industry



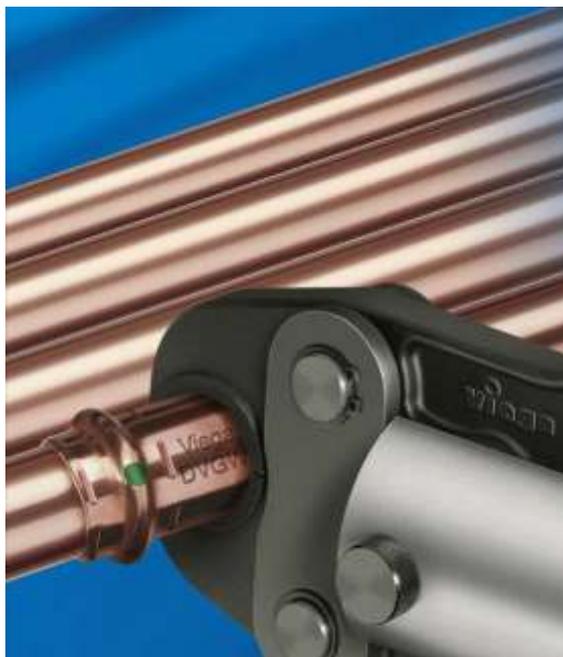
Shipbuilding



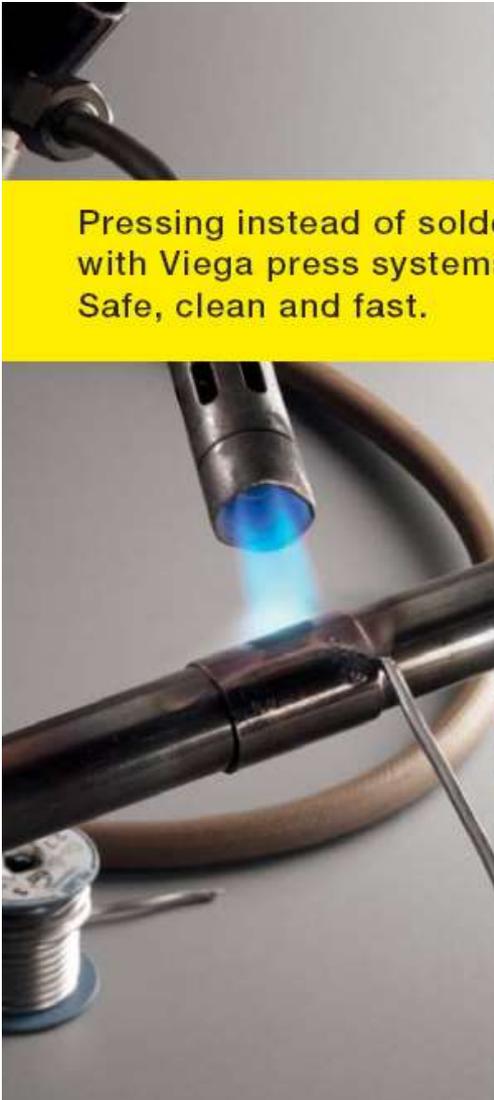
Viega – Core Business

Drinking Water/ Other Building Application

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Viega – Jointing System

A close-up photograph of a soldering process. A blue flame from a soldering iron is applied to a copper pipe. A thin wire of solder is being fed into the joint. In the background, a spool of solder is visible.

Pressing instead of soldering
with Viega press systems:
Safe, clean and fast.

A close-up photograph of a Viega press system being used to join a copper pipe. The press tool is black and silver, and it is clamping a copper fitting onto the pipe.

Finished quickly:
Shorten, assemble,
press, finished!

A close-up photograph of a Viega press system being used to join a copper pipe. The press tool is black and silver, and it is clamping a copper fitting onto the pipe.

Up to 50 %
quicker!



Viega – Jointing System

Tidy work:
Problem-free work without
traces of fire and soldering.



Light weight:
The Viega press system
in a case.



PROFIPRESS- Copper Pipe Press Connection System

Profipress with EPDM*-sealing element

in accordance with DVGW-AB regulation W 534 for pipes according to EN1057 in the sizes 12-108mm.

EPDM sealing element:

1. - max. working pressure 16 bar
2. - max. working temperature 110° C

FKM sealing element:

1. Not suitable for food applications
2. - max. working pressure 16 bar
3. - max. working temperature 140° C

Application:-

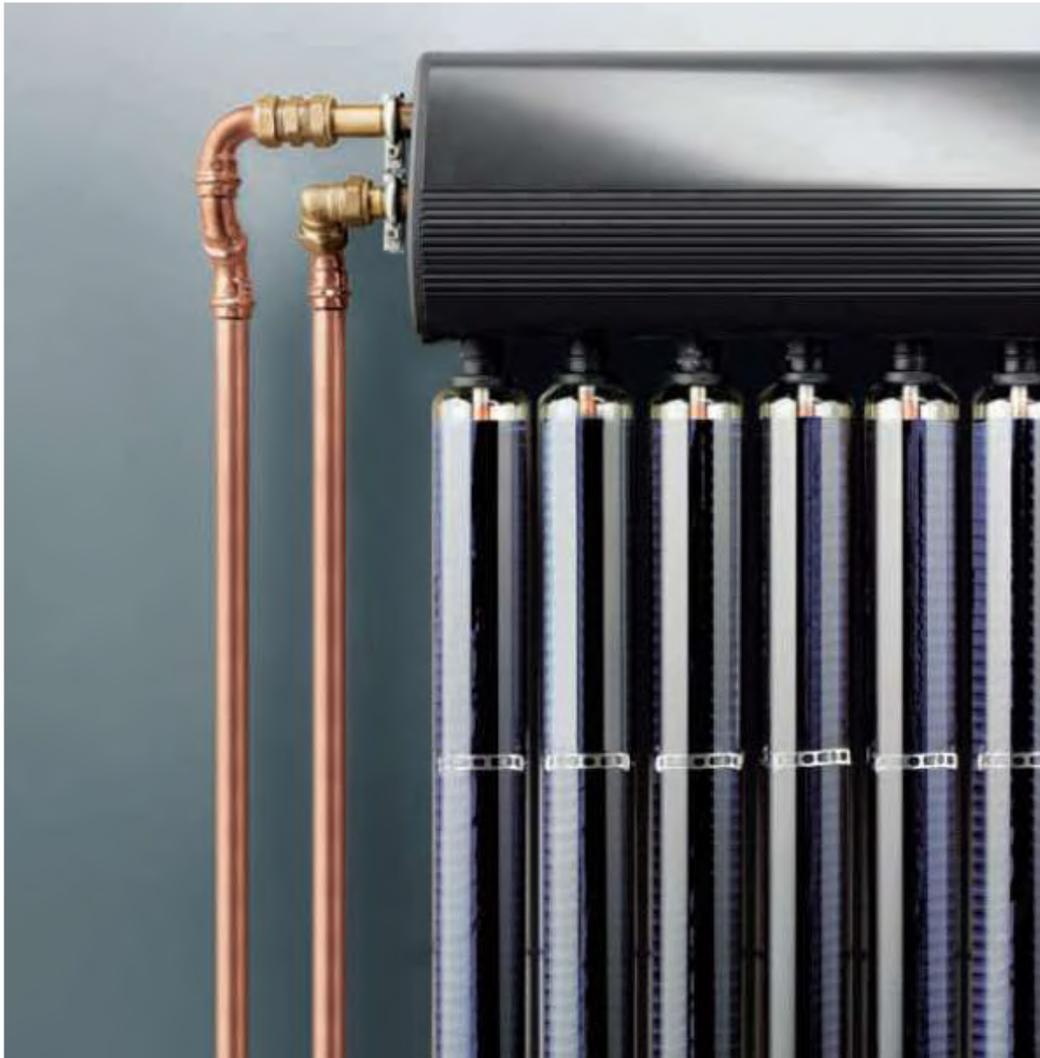
- Drinking water installations/Rain water/Heating installations / Radiator connections/Solar systems (flat-plate collectors/ vacuum collectors)
Fire protection systems and sprinkler installations
Compressed air / Technical Gases



Viega— COPPER PIPING

For Drinking Water/Other Building Application

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Sanpress Inox- Stainless Steel Pipe Press connection System

- **Sanpress Inox with EPDM-sealing element**

In accordance with the regulation W534

For hygiene according to TVO.

Sizes: 15 mm – 108 mm

Application:-

Drinking water / Industrial applications

Compressed air / Technical gas

EPDM sealing element:

1. - max. working pressure **16 bar**
2. - max. working temperature **110° C**

Viega– STAINLESS STEEL PIPING

For Drinking Water/Other Building Application

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- Pure stainless steel system for installations in the sizes 15 to 108 mm, including the intermediate size 64 mm, consists of stainless steel connectors such as the cost-effective stainless steel pipe 1.4521 for drinking water installation as well as pipes made of the material 1.4401
- High quality sealing EPDM and HNBR elements
- Convincing even when distribution systems are being used and with many special industrial media
- All sizes fitted with SC-Contur, connectors which are unintentionally unpressed are shown as such





○ Pexfit Pro Fosta

1. Form-stable polyethylene-Xc piping with white polyethylene-X sheathing
2. PPSU/Bronze press fittings
3. SC-Contour

○ Pexfit Pro Plus

1. Flexible pipe-in-pipe system in polyethylene-Xc with internal oxygen barrier
2. Bronze press fittings
3. SC-Contour

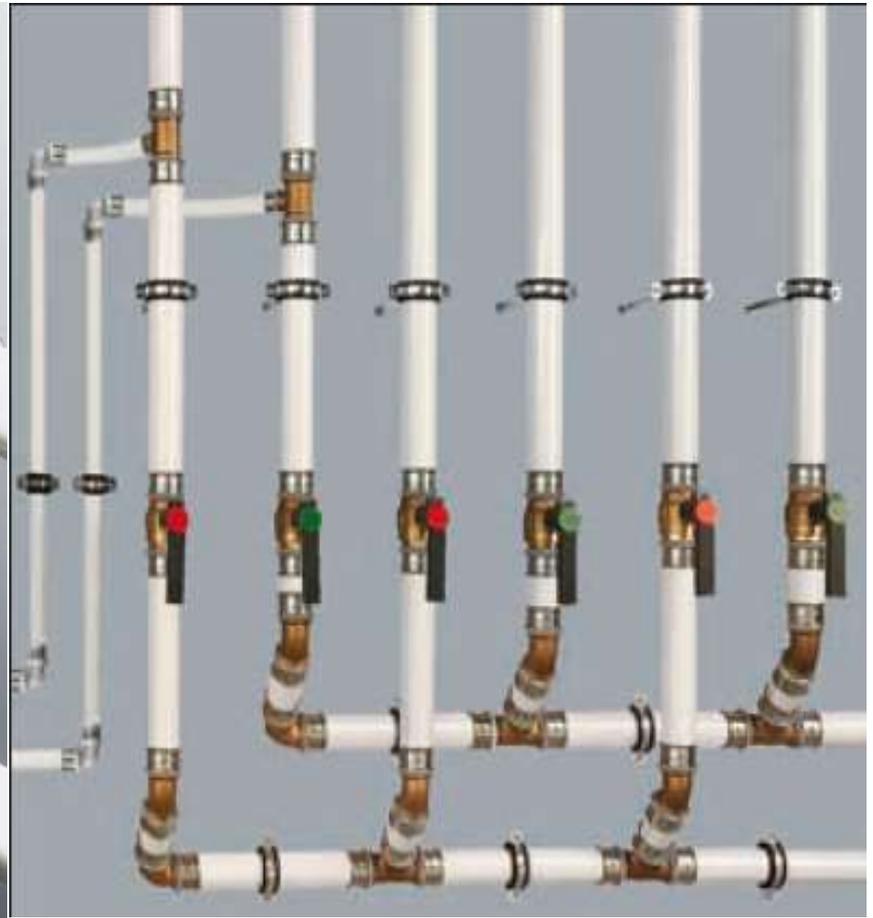
○ Advantages:

1. Bending radius 3,5 x OD
2. One pipe for DW and Heating
3. Max. Temp. 70° C / Max. Pressure 10 bar
4. Oxygene barrier
5. Corrosion free
6. Hygienic

Viega— PEX PIPING

For Drinking Water/Other Building Application

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Raxofix

- Plastic piping system for sanitary and heating
- Pressure-loss optimised
- With SC-Contur
- Dimensions of the pipes and connectors: from 16 to 63 mm
- Raxial press technology
- Simple processing:
 - Cut, assemble, raxial pressing - finished!
 - No calibrating, no chamfering or widening



Viega – Galvanised Steel PIPING

For Other Building Application

viega



Prestabo offers individual dimensions to suit large and small projects. The press fittings and pipes are available in system dimensions 15, 18, 22, 28, 35, 42 and 54 mm – pipes with white PP sleeves are also available in these sizes for surface-mounted installations. The range is completed by Prestabo XL, which features press fittings and pipes with the following dimensions: 64.0, 76.1, 88.9 and 108.0 mm.

The material used for Prestabo is also impressive: the externally galvanised steel guarantees the longterm reliability you require from your installations.

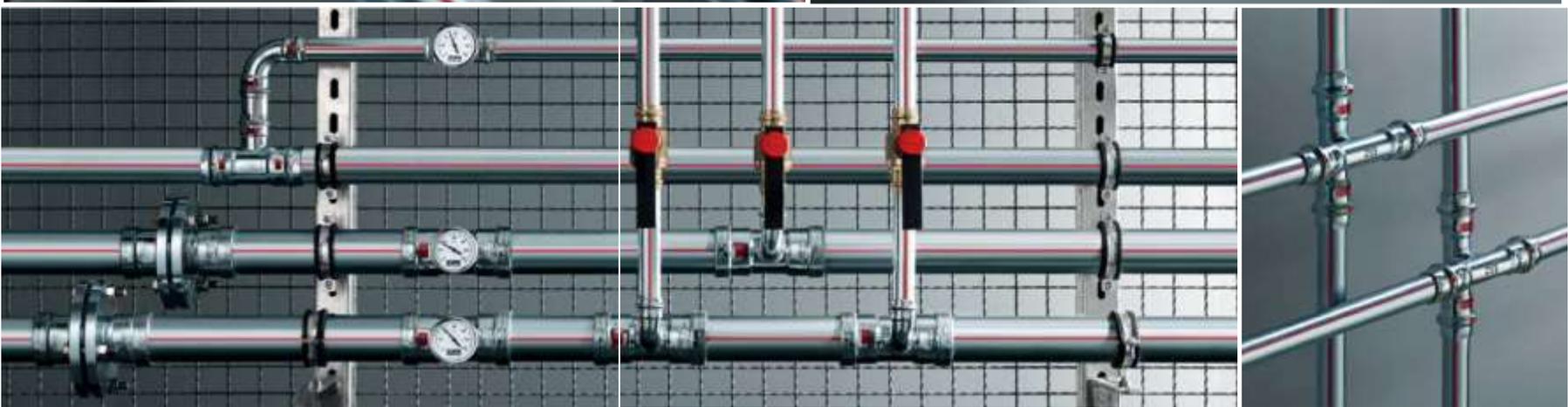
Prestabo has been developed for the cost-efficient and safe installation of heating systems, closed cooling circuits and compressed air systems in property construction. Pipes, press fittings and all other system components are fully compatible.

Viega— Galvanised Steel PIPING

For Other Building Application

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Top performance in industrial systems
with Viega Prestabo.



Viega— Galvanised Steel PIPING

For Other Building Application

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Prestabo for sprinkler systems:
new with internally and externally
galvanised steel pipe.



The internally and externally galvanised pipe
Sprinkler and fire extinguishing systems represent special demands in term of the corrosion resistance of the system in use. With Prestabo you are equipped to deal with these challenges, as the new Prestabo pipes are produced from a single steel piece and coated using the Sendzimir process both internally and externally with a ca. 20 µ thick hot dipped galvanised coating. That's your guarantee of continued longevity against corrosion.

The new press system with VdS certification

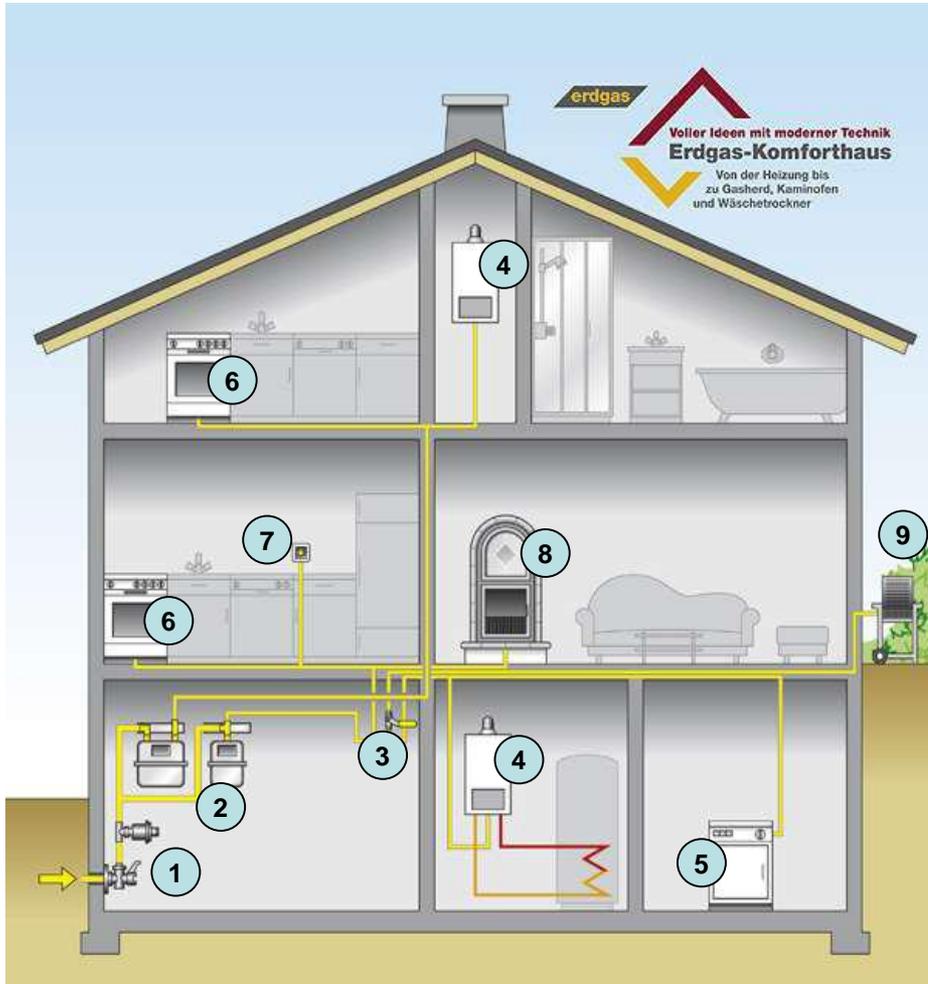
With the press system, with pipes internally and externally galvanised using the Sendzimir process, thanks to the tried-and-tested press technology, sprinkler and fire extinguishing systems (wet) are easy and clean to assemble. Prestabo's cost-effective bonus is also evident here. The system is available in 15 to 108 mm dimensions. For 22 to 108 mm dimensions, VdS certification will shortly be available.



- **Intended use**
- **The pipe connector systems Profipress G and Profipress G XL are approved for gases according to DVGW-AB G 260**
- **Only copper pipes according to EN 1057 in conjunction with DVGW-AB-GW 392 may be used**
- **Approved for— Gases acc. to DVGW-G 260— Gas and liquid gas in the gas phase² for domestic use**
- **Max. pressure 5 bar**
- **Max. pressure at HTB-requirements 1 bar**
- **Max operating and surrounding temperature. 70 °C**
- **The system is optimal for fire or manipulation proof laying of gas pipes**



- Innovative gas installation with the Profipress G programme:
 1. Economical
 2. Swift installation
 3. Flexible installation
 4. Fireproof installation of gas piping
 5. Connections in compliance with high thermal load requirements
 6. Press fittings can be combined with all approved copper pipes
 7. Complete system for realisation of an all-natural-gas comfort house



- 1) GAS house connection
- 2) GAS counter
- 3) GAS storey distributor
- 4) GAS Thermometer
- 5) GAS line dryer
- 6) GAS stove
- 7) Concealed GAS outlet box
- 8) GAS oven/chimney
- 9) External GAS outlet box



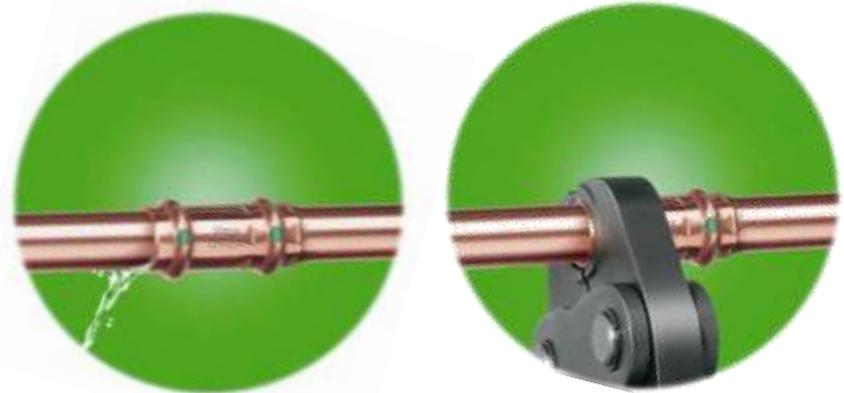
1. **Absolute safety in gas installation.**
2. **The pipes and press connectors are made of stainless steel 1.4401.**
3. **The sizes 15 to 108 mm can be used for natural and liquid gas.**
- **Intended use**
 1. **The press connector pipe systems Sanress Inox G and SanpressInox G XL are suitable for gases acc. to DVGW-AB G 260.**
 2. **Only Sanpress-stainless steel pipes acc. To EN 10088 and DVGW GW 541 should be used.**
 3. **Approvals– Gases acc. DVGW G 260– Liquid gas in the gas phase for domestic and commercial applications.**
 4. **Maximum operating and surrounding temperature 70 °C**
 5. **Sanpress Inox G – PN 5 / GT 5 Max. pressure 5 bar**



- Safety aspect of Viega press fittings**
- SC-Contur**
- Cylindrical pipe guide**
- Double press fit connection**
- High-performance sealing elements**

SC-Contur

All our press fitting systems for heating and plumbing are tested in accordance with DVGW-regulation W 534 and offer the visible test security with SC –Contur. Viega guarantees this function for all mediums used in domestic installations.



SC -Contur

- No degradation of the sealing element
- Highest safety in the application
- Experiencesformorethan16 years with press fitting systems
- Experiencesformorethan6 years with SC-Contur
- For all sizes
- For all current mediums
- For all systems



Pressing tools

- Mains- and battery-powered pressing tools
- For use in the dimensions from 12 to 108 mm
- Jaw closing control
- Bolt safety catch
- Electronic control and status monitoring
- Forced pressing mechanism
- Pressing tool head rotatable by 180°



Building Green? Start with the water.
New Construction and Renovations.

Viega plumbing and heating products can
reduce water and energy usage
making them ideal for building Green.



Viega... The global leader in plumbing and heating systems



WWW.VIEGA.COM

1 - 8 7 7 - 8 4 3 - 4 2 6 2

Sustainable and Green Building promotes a healthier living environment.



Viega ProPress fittings save you time and eliminate soldering or gluing for a safer, better air quality work environment.

ProPress® System fittings save you time and eliminate the need for flames, solder and flux for a safer work environment with better air quality. Being flameless, plumbing, heating and cooling contractors can use ProPress fittings and pipe to install systems that reduce indoor air contaminants such as fumes, smoke and soot caused by soldering and brazing. ProPress fittings are manufactured from high quality copper, bronze and stainless and contain an estimated 40% recycled content. At the end of their lifecycle, the copper can again be recycled. During testing the patented Smart Connect® feature, ProPress leak detection system, helps you identify unpressed connections quickly reducing water waste and makes correcting the issue fast and easy as well. The ProPress System is a proven technology in wide use throughout the world. The ProPress System has rapidly become the preferred method for fast, clean and safe copper and stainless steel pipe joining. Because connections install so quickly, projects can be kept on or ahead of schedule, reducing project and labour costs.

Viega products and components, when applied in conjunction with or as a part of a greater system, may be eligible for points towards LEED certification in various LEED categories. For specific LEED certification information visit www.usgbc.org, consult your architect or local LEED representative.

Indoor Air Quality

Reduce occupants' and construction workers' exposure to indoor airborne contaminants through source control and removal. While the system itself cannot earn EQc3.1, it can contribute to the project's overall IAQ Management Plan by being considered a source Control measure under SMACNA guidelines.”

Viega— Core Business

FLUSHING AND PRE WALL TECHNOLOGY

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Viega pre-wall systems

Systems for creative bathroom design.



Viega pre-wall systems.
There are no limits to our diversity

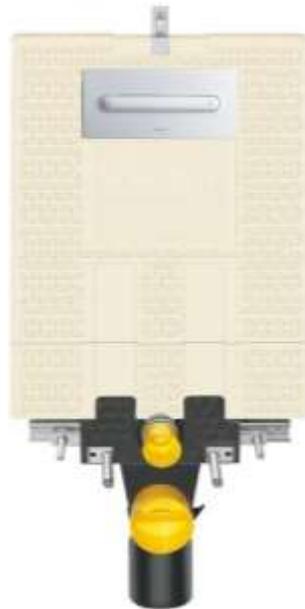


- **New flush technology to meet growing demands for design actuation (less travel, alternative triggering mechanism)**

- Viega Visign



- Viega Mono



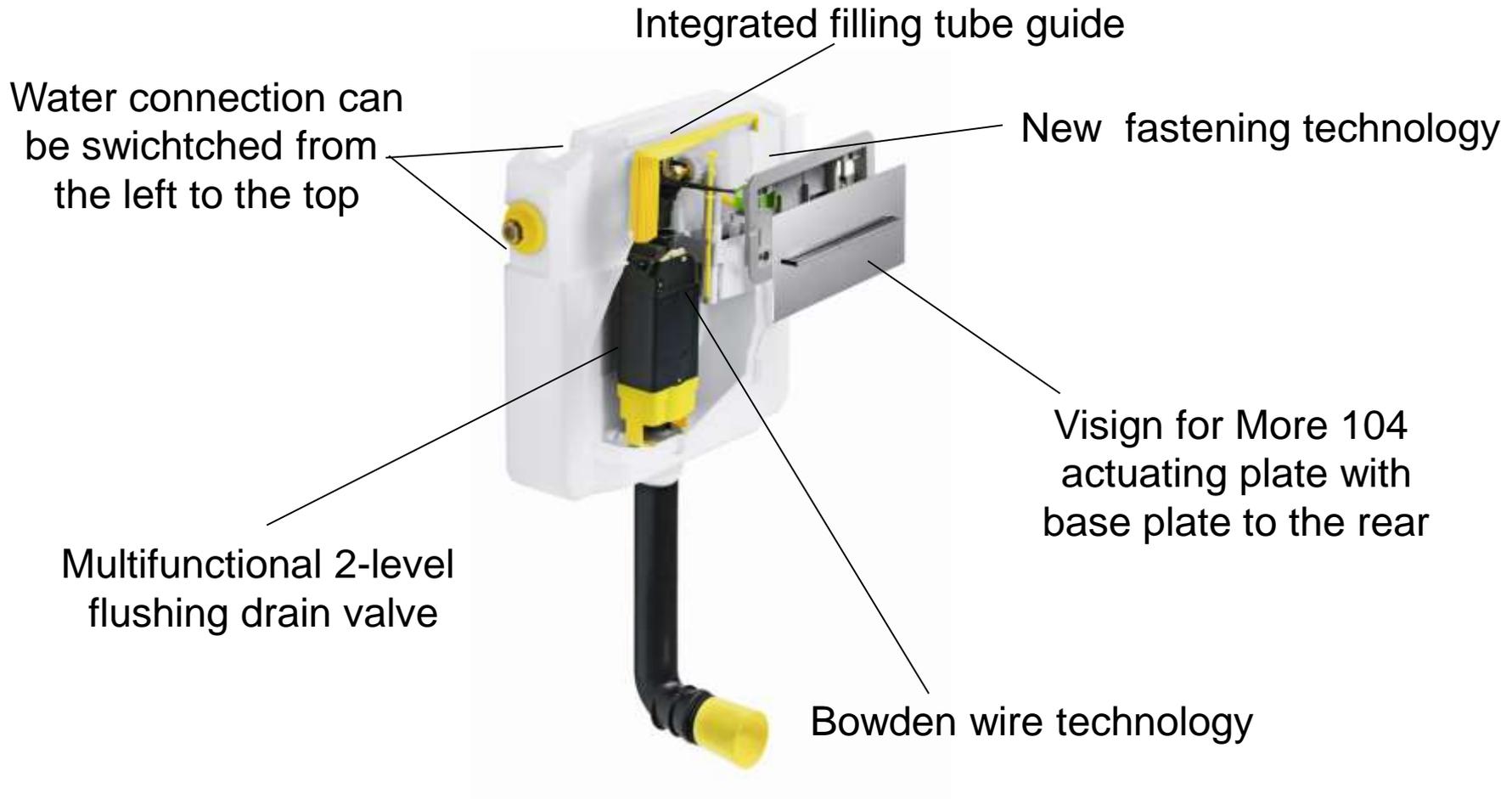
- Viega Eco Plus



- Viega Steptec

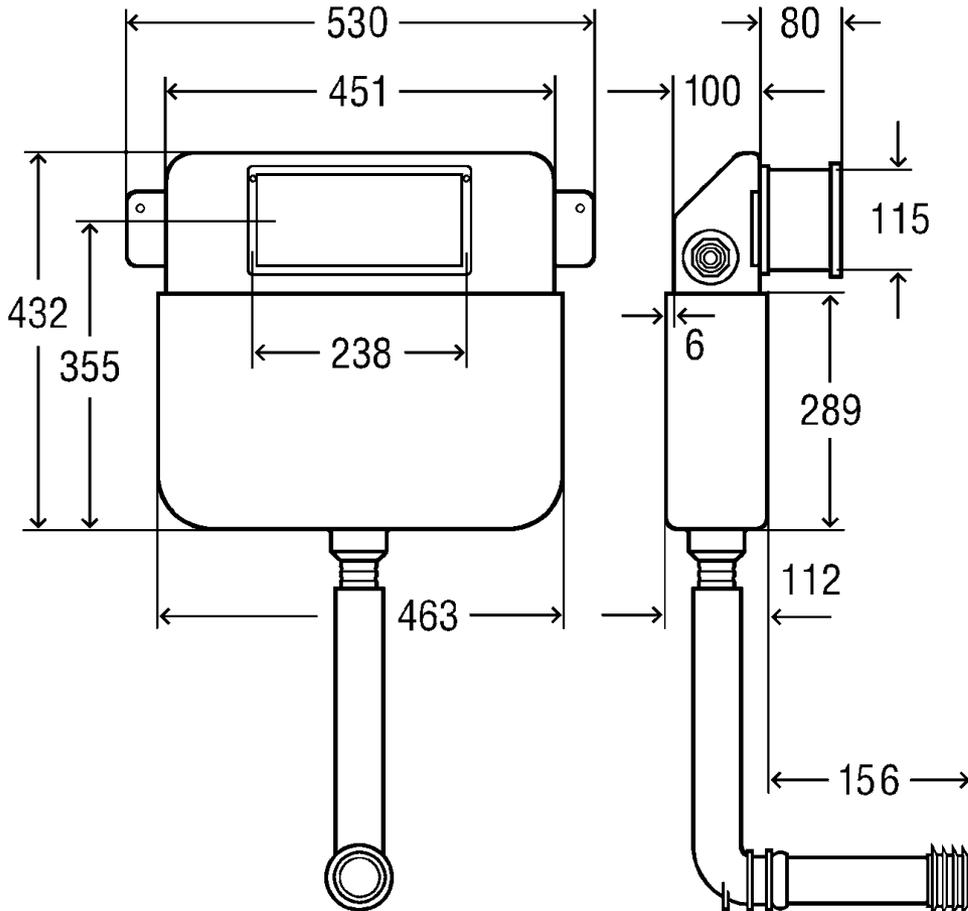


• Viega Visign

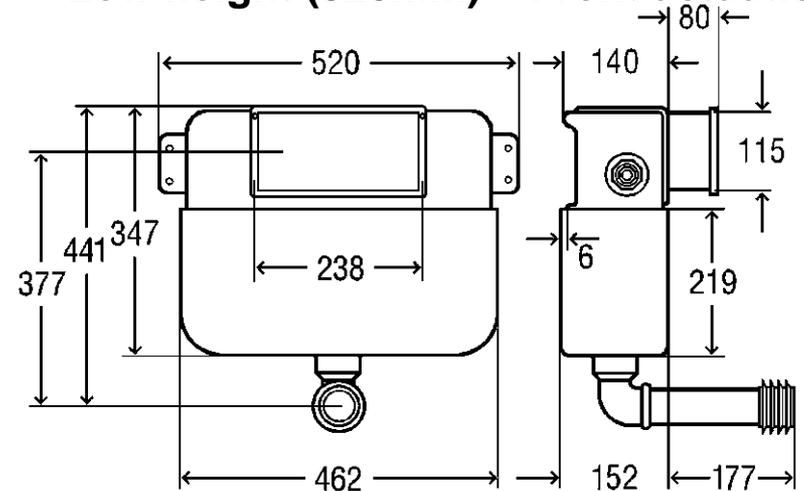


• Viega Visign

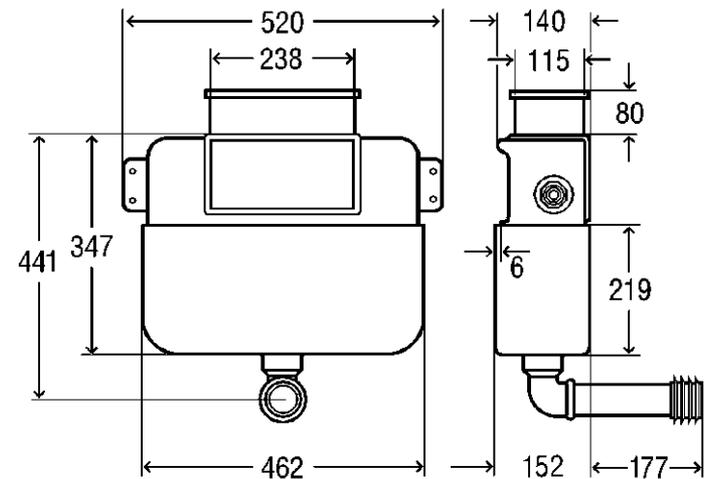
Standard height 1130mm – Front actuation



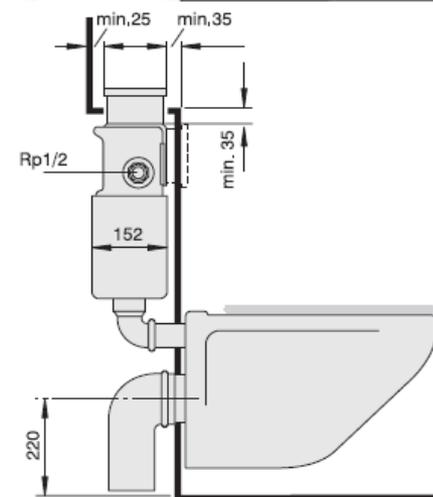
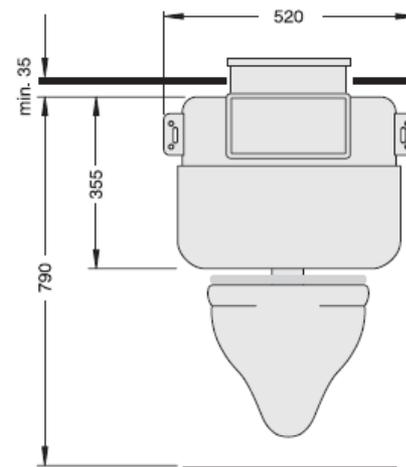
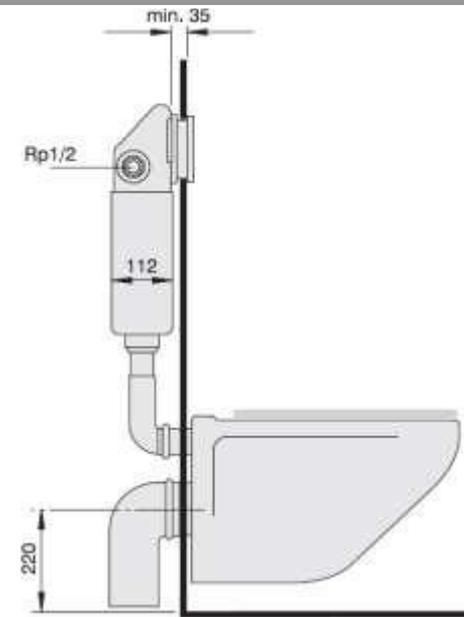
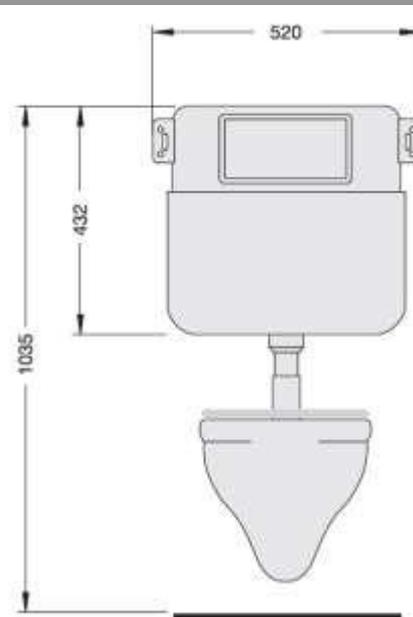
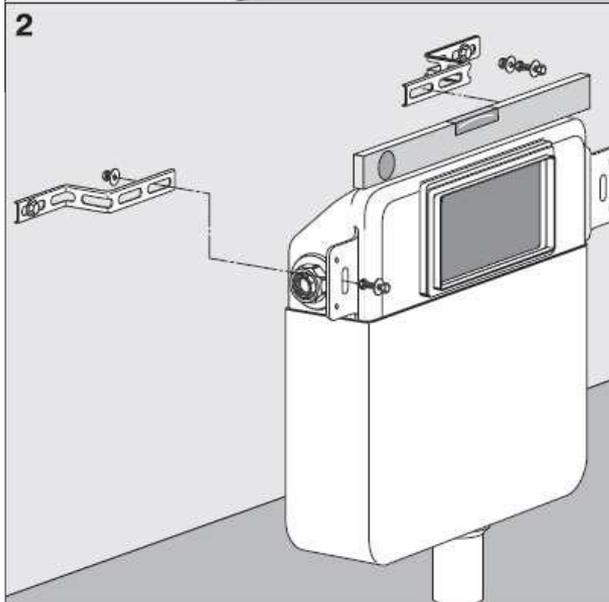
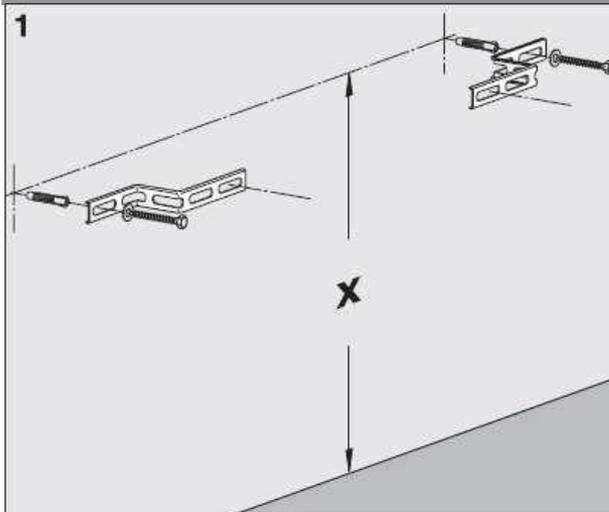
Low height (820mm) – Front actuation



Low height (820mm) – Top actuation



Viega- FLUSHING AND PRE WALL TECHNOLOGY



★ Viega Visign



- Features
- Cistern with 9 litres volume, corner cistern 7,5 litres volume
- Multifunctional 2-level flushing drain valve with adjustable short flush 3-4 litres and a continuously adjustable full flush volume 6-9 (7,5) litres
- Premounted water supply and variable water connection
- Simple, safe, universal mounting
- Top quality technology, flat installation
- Compatible with all Viega actuating plates
- Yellow inspection shaft to clip on the cistern at the time of installation to restrict entry of any foreign particle in the tank which can choke the Drain valve.
- Compatible with all Visign for Life actuating plates with optimised setting of the activating pins
- Bowden wire technology for activating Visign for Style and Visign for More actuating plates

The image shows a close-up of a grey, rectangular Viega Mono Tec or Mono Slim flushing and pre wall technology unit. The unit is mounted on a wall with a grey, textured surface. A yellow mesh screen is partially open, revealing the internal components of the unit. The unit has a black panel with a white 'C' logo and the word 'VIEGA' printed on it. A yellow label is overlaid on the image, providing product information.

**Viega Mono Tec
Viega Mono Slim**
Only 8 cm installation depth.

Viega Mono Slim 8 cm

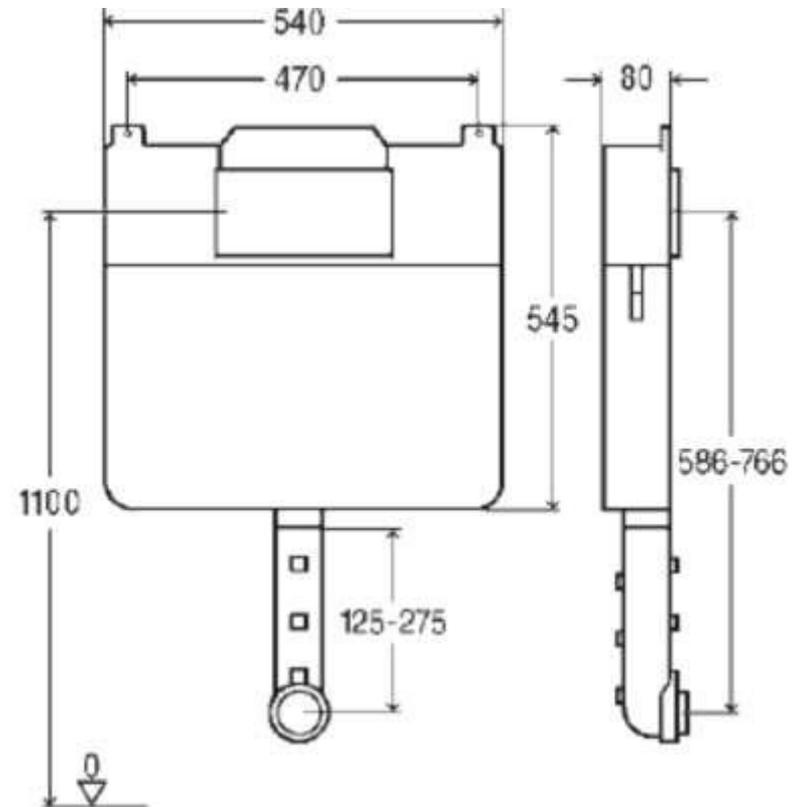


Features

Cistern with 9 l flush volume with only 8 cm depth

Multifunctional 2-level flushing drain valve with adjustable short flush 3-4 litres and a continuously adjustable full flush volume 6-9 litres. Compatible with the three Viega design ranges:- Visign for More, Visign for Style and Visign for Life actuating Plates.

The 8 cm cistern from Viega
Compactly packed technology.



Viega Mono Tec-WC, 8 cm

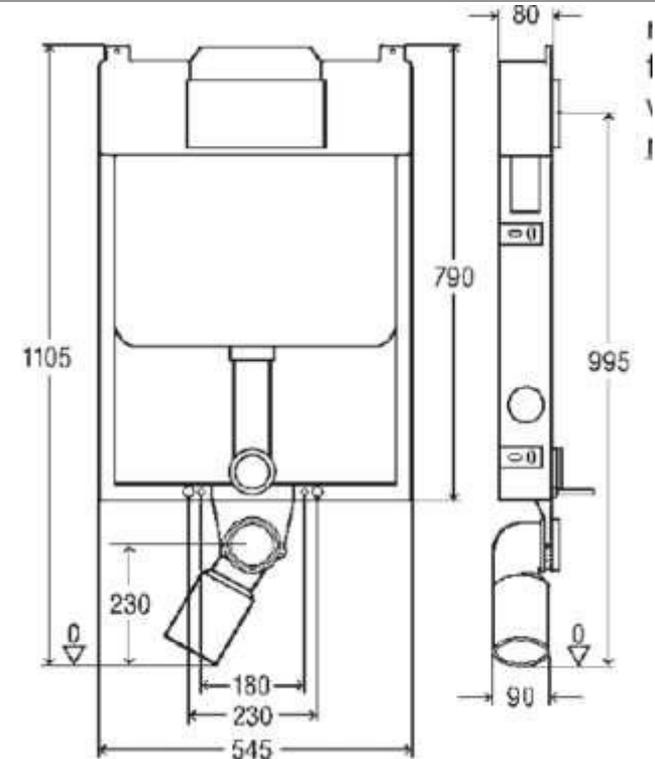
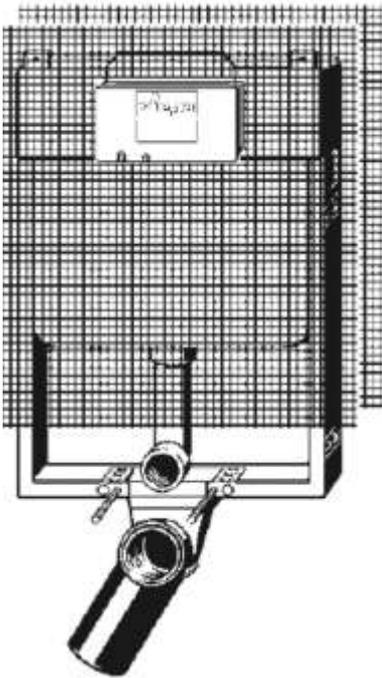


Concealed installation Viega Mono Tec-WC and Viega Mono Tec-Bidet.



Pre-wall installation Viega Mono Tec-WC and Viega Mono Tec-Bidet.

Viega Mono Tec-WC, 8 cm

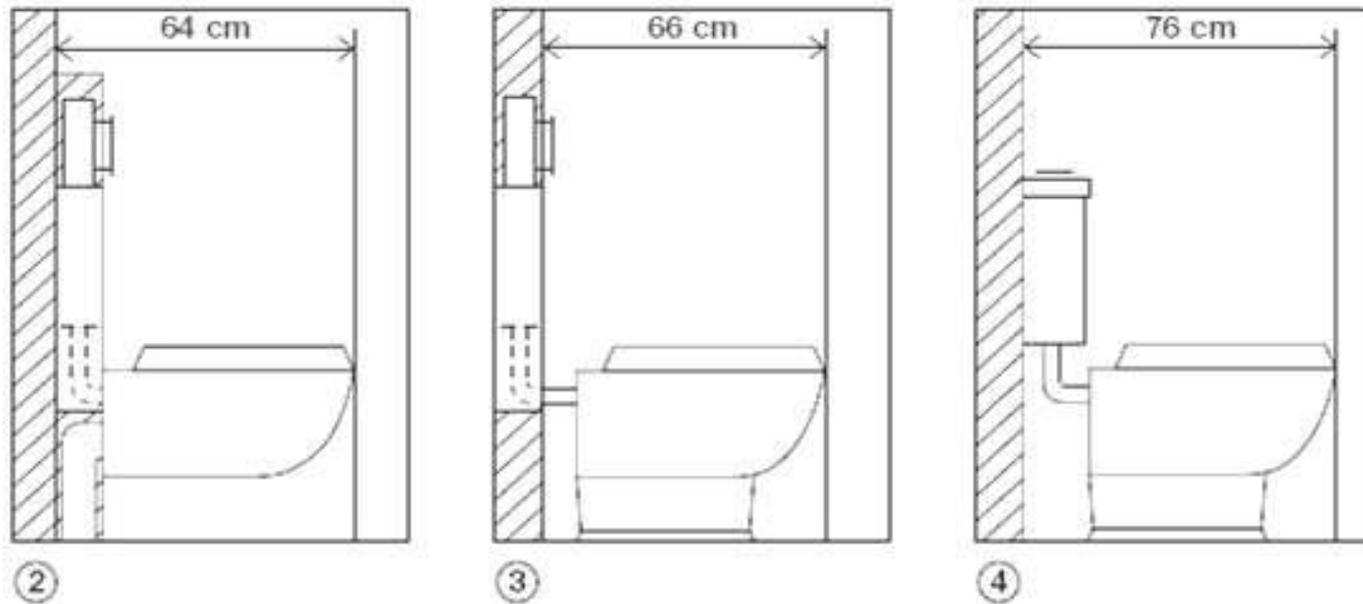


Frame made of galvanised steel with integrated support for attachment of wall-hung WC

Flush pipe With connection elbow

Pre-assembled water pipe

Version with flush pipe and ventilator connection also available



Even with pre-wall we can save space

In addition to concealed installation, it is possible to position the element Viega Mono Tec in front of the wall (2).

The space required is not more than the space used for several traditional installation methods (3 and 4).

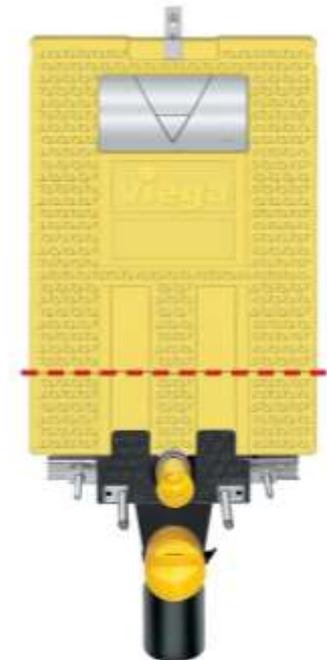
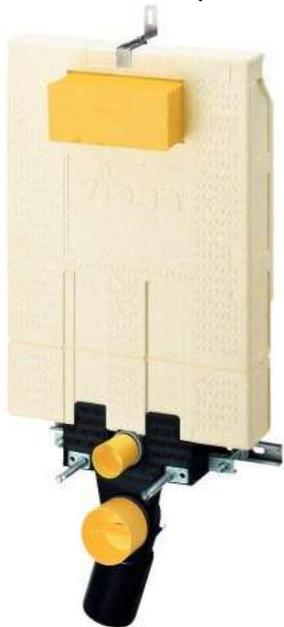
This solution supports the structure of the wall, provides better noise reduction and more freedom when positioning WCs and bidets.

○ Viega Mono:- Professional Wet Construction

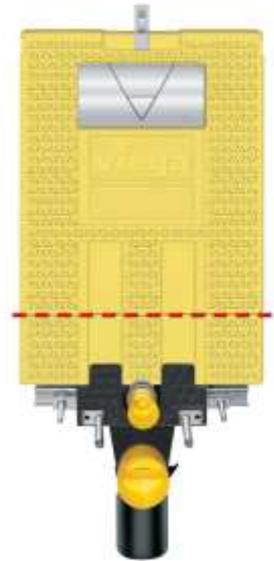
Constructional Height
820 mm Front Actuation

Constructional Height
820 mm Top Actuation

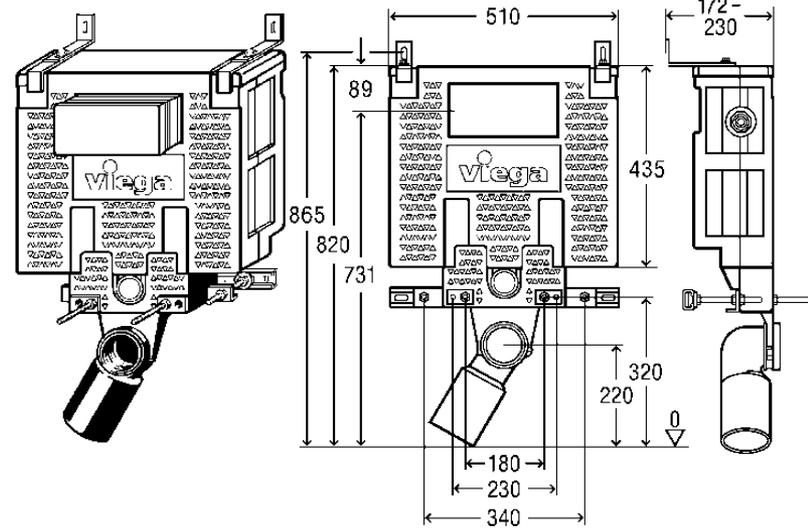
Constructional Height
1130mm (980 mm)



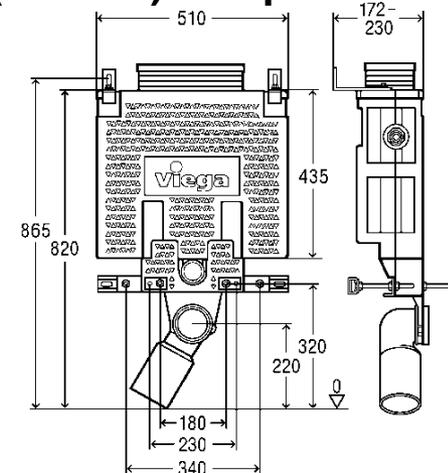
- Pre –mounted ready for connection.
- The acoustic-decoupling EPS Styrofoam box of the pre-wall blocks acts directly as the plaster base (the integrated wall pockets produce good bonding with the masonry)
- Pre-Wall depth:- 13 cm (Adjustable for waste water Pipe.The connection is of a weldable PE)
- 2 overall heights (1130 mm and 980 mm)
- Individual as well as Line mounting using line mounting profile.
- Different pre-wall blocks (WC, bidet, urinal and wash-basin)
- Tested acoustic decoupling as per DIN 4109 (27db)
- All Visign actuating plates can be used with the Viega Mono system



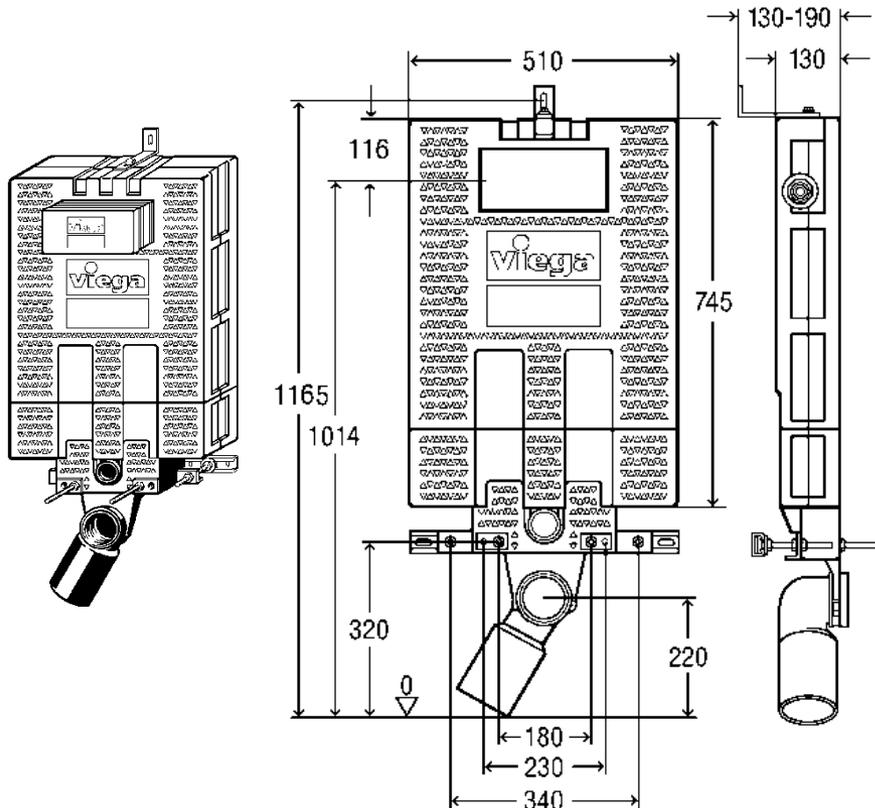
Low height (820mm) – Front actuation



Low height (820mm) – Top actuation

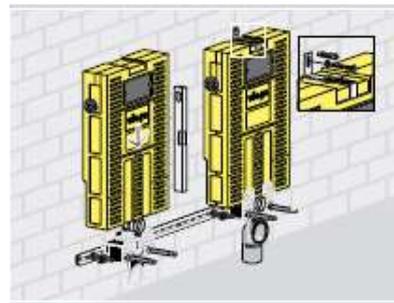
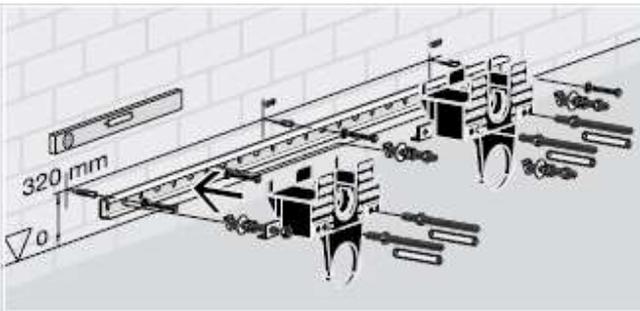
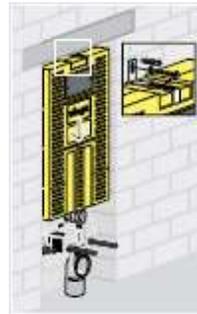
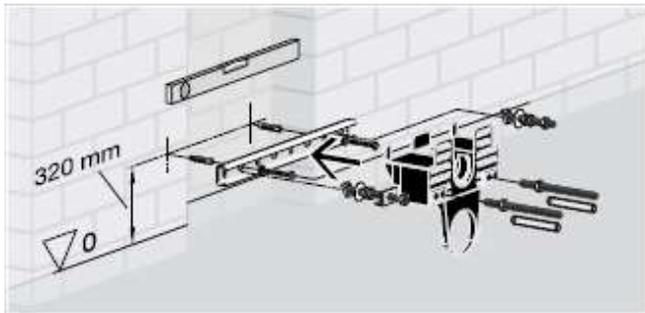
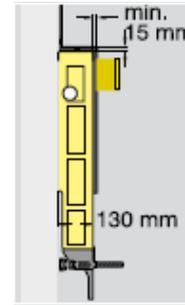
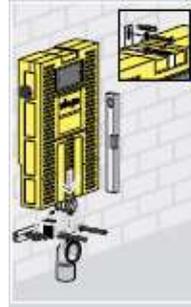
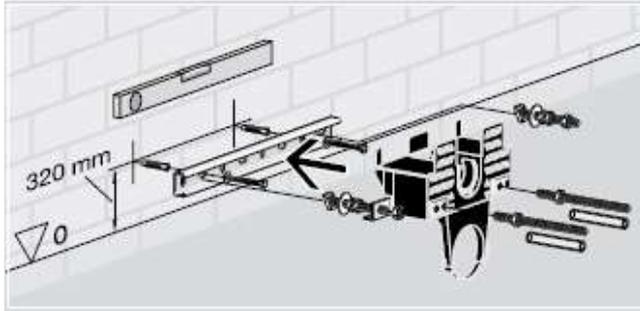


Standard height 1130mm – Front actuation



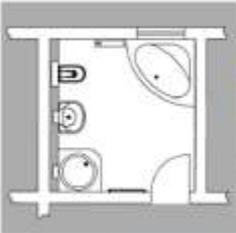
Viega- FLUSHING AND PRE WALL TECHNOLOGY

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Viega- FLUSHING AND PRE WALL TECHNOLOGY

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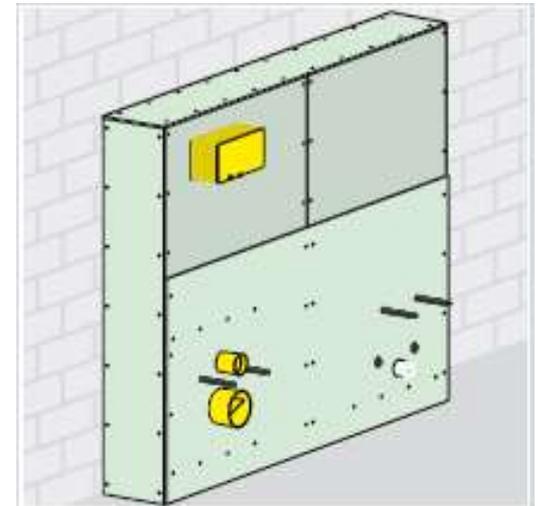
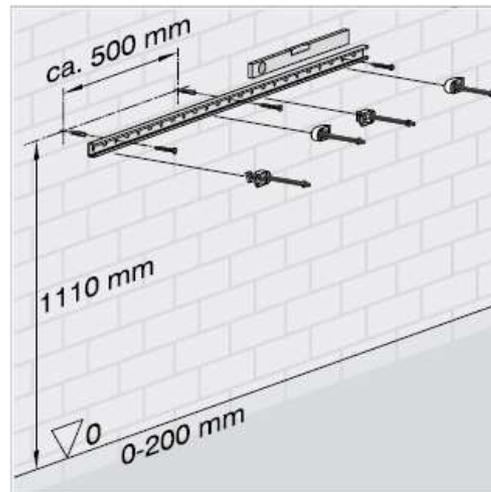
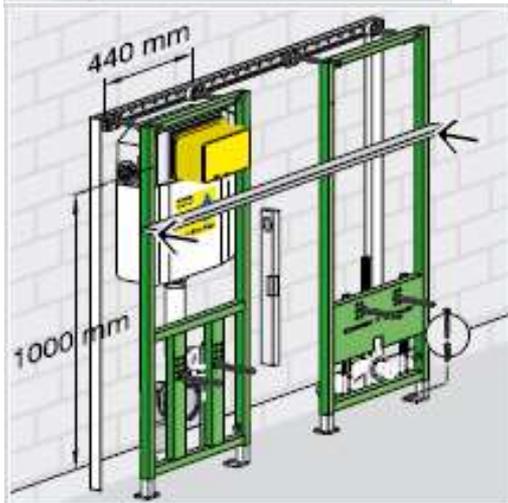
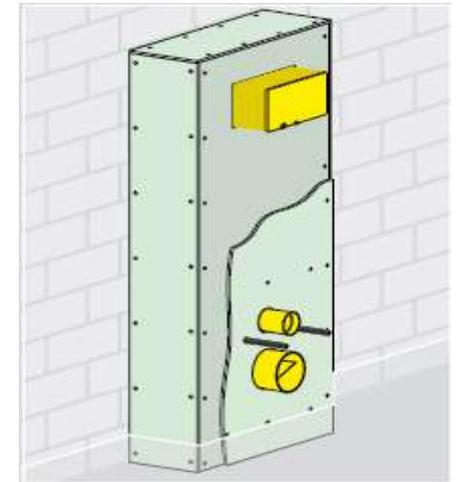
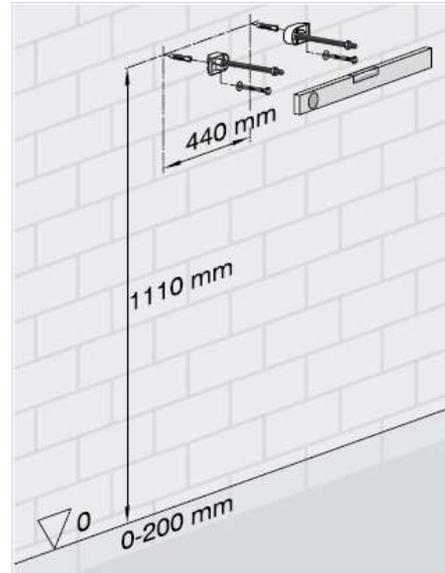
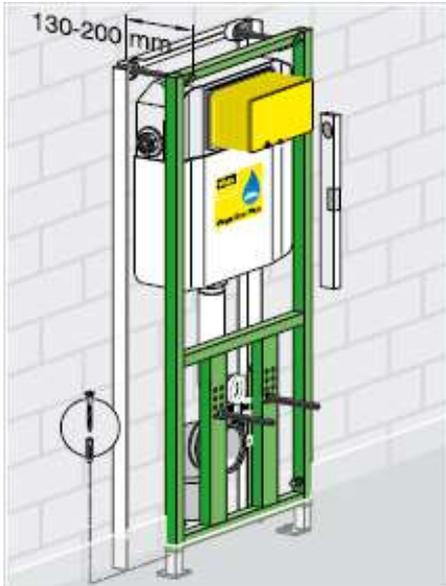
Viega Eco Plus



- Sturdy, freestanding elements for all situation in dry mortarless construction
- For quick mounting of wall-WC, washbasin, urinal, bidet, taps and support arms
- For individual, row and corner mounting
- Application area
 - Installation in metal framework
 - Installation in wooden framework
 - Pre-wall installation
- One Element for normal and barrier-free execution, ceramic height adjustable (330, 350, 370, 390 mm)
- Element depth of only 13 cm
- constructional height 980 mm and 1130 mm

Viega- FLUSHING AND PRE WALL TECHNOLOGY

viega



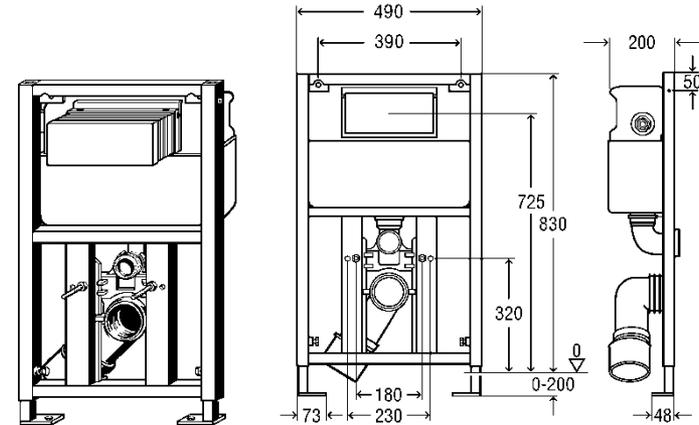
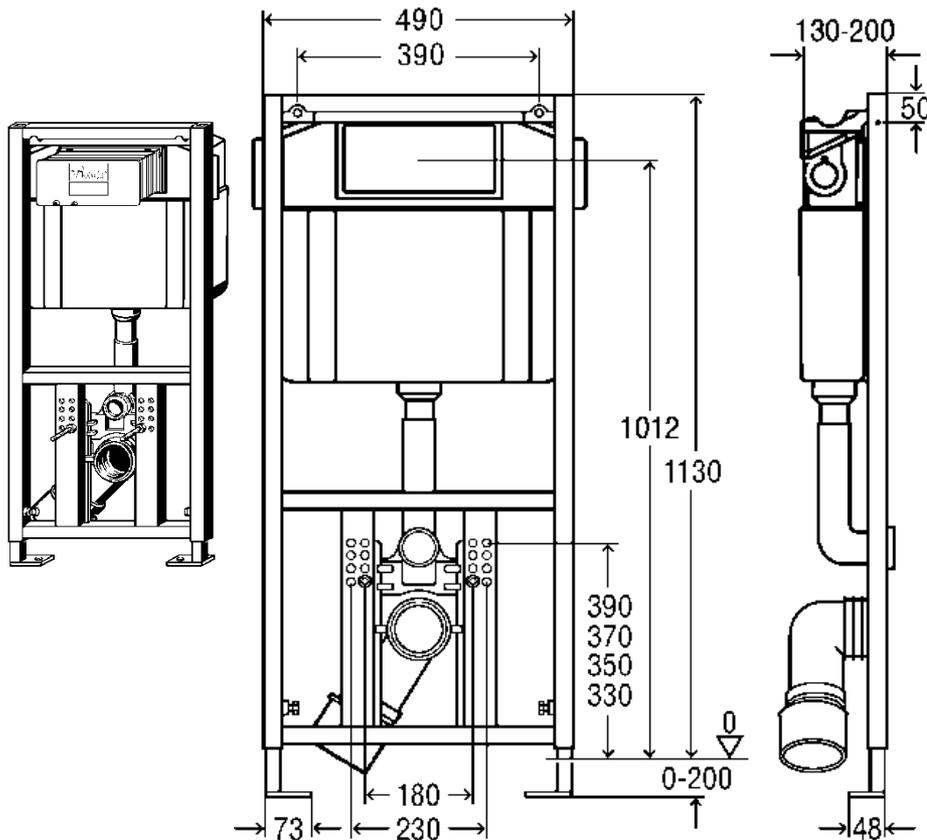
Viega– FLUSHING AND PRE WALL TECHNOLOGY

viega

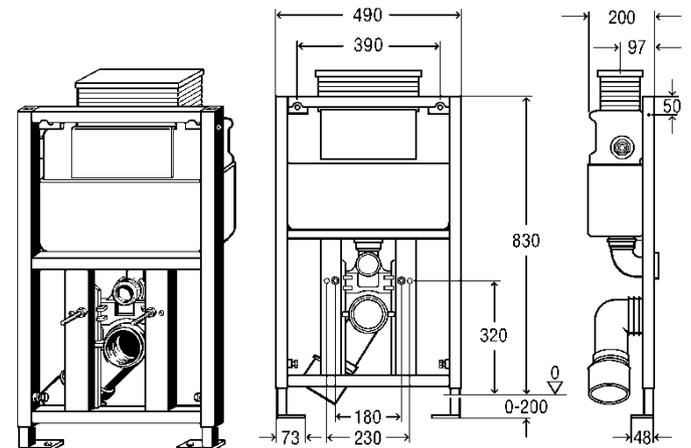


Low height (820mm) – Front actuation

Standard height (1130mm) – Front actuation

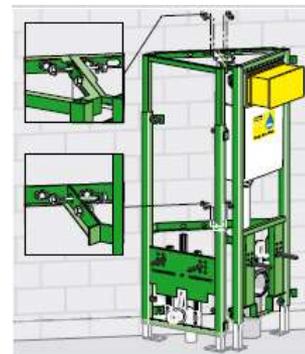
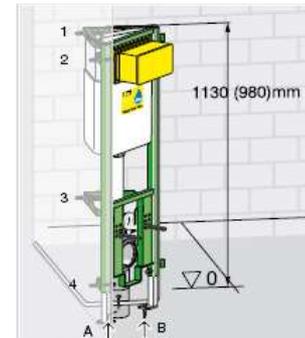
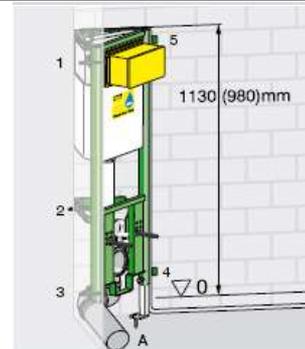
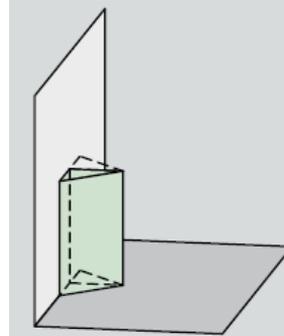
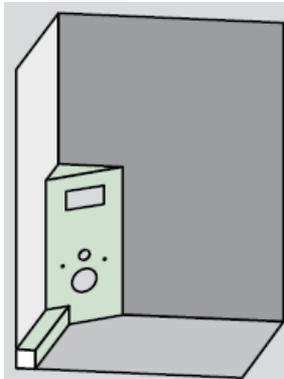


Low height (820mm) – Top actuation





- **Corner-element:**
- Compact design results in minimal installed dimensions
- Individually adjustable mounting height for WC ceramics (330, 350, 370 mm)
- Integrated alignment aid for easier installation
- Compatible with all Viega actuating plates
- One of the feet can be removed if it is in the way of the drain line's route



Viega– FLUSHING AND PRE WALL TECHNOLOGY

viega



Viega Steptec

Simple

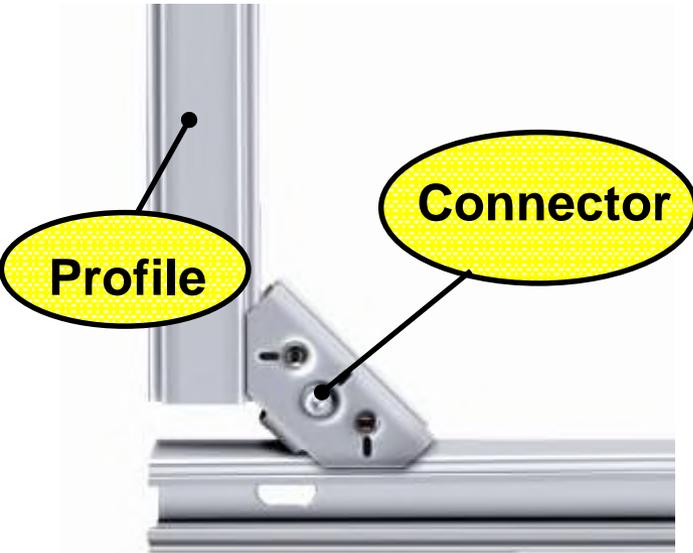
Quick

Universal



Viega- FLUSHING AND PRE WALL TECHNOLOGY

viega

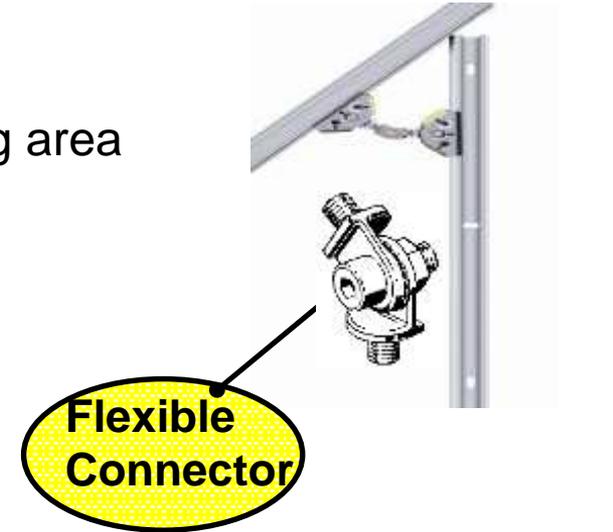


Only 2 components (profile & connector)

Large coverage supporting area (40 x 40 mm)

Use fastening C profile

Connector for open and closed profile-side



Modules for all sanitary applications



90° Connector

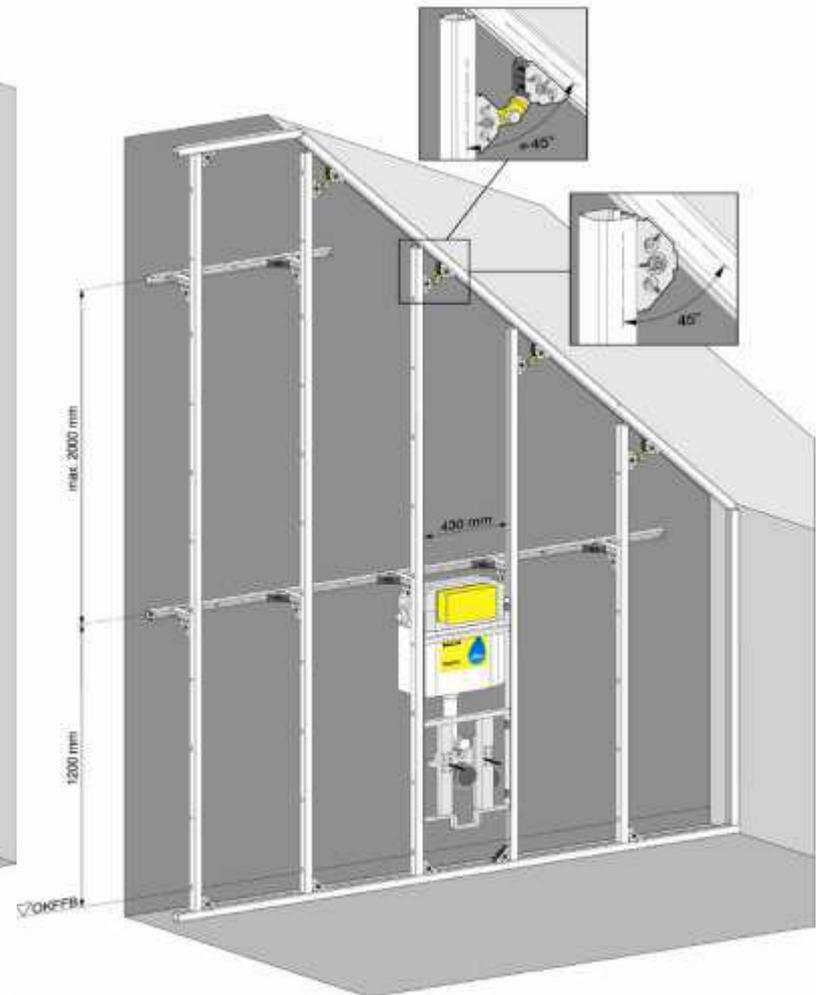
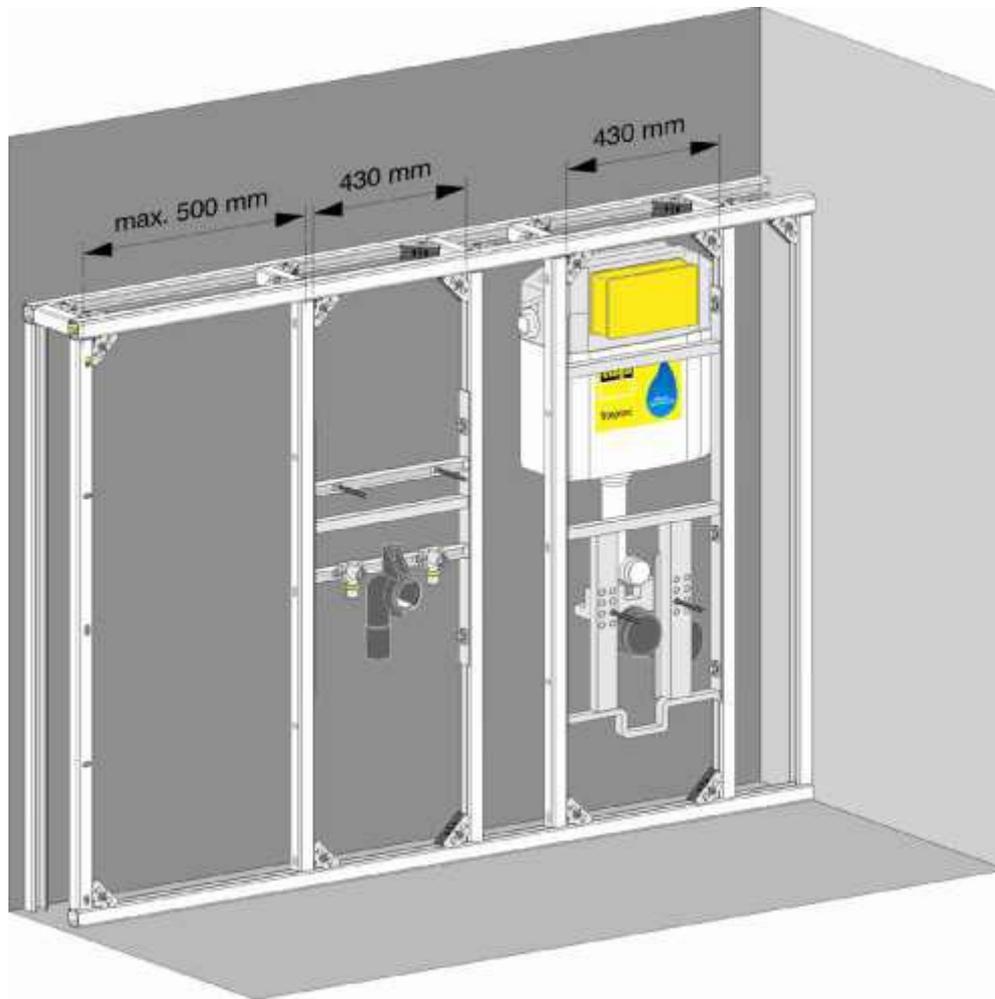


45° connector

flexible connector



Steptec Profile





- Modules for all sanitary applications
- (WC, wash-basin, urinal, bidet,.....)
- Modules are sound-insulated
- Modules are continuously adjustable
- Extremely quick and simple
- Self-explanatory mounting
- Easy handling
- Univeral applicability
- Workshop pre-assembly

Steptec Bathroom Installation Example



Bath Tub & WC Pre- Finish



Bath Tub & WC -Finished

Steptec Bathroom Installation Example



WC, Bidet & Basin Pre- Finish



WC, Bidet & Basin - Finished



**Coverage for Steptec-system
with exclusive design**

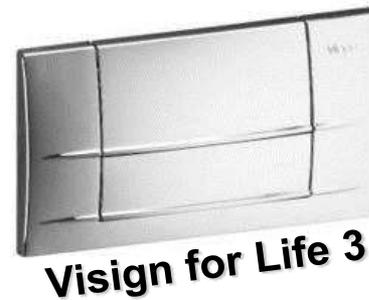
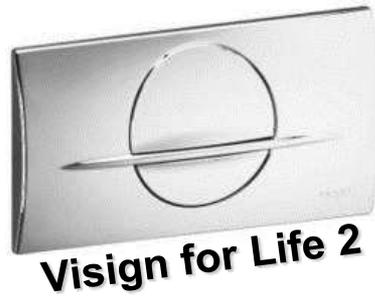
Waterproofed surface

Very slight, only 10 kg/m²

interchangeable

Easy to mount, no dirt

- Visign for Life -

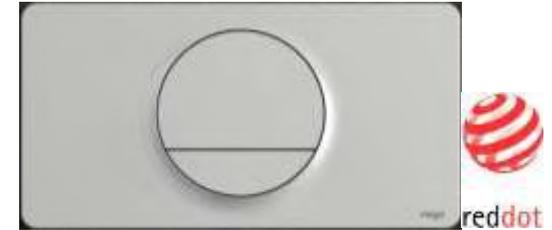


- For 2-level flush and flush-stop function
- Made of plastic or metal
- Colours: Polished white, Chrome plated, Manhattan, Pergamon/camee, Stainless steel coloured, Chrome matt, Acrylic, Ägais, Dull white, Dull matt/p.b. chr. Pl. (Visign for Life 1)
- The Push button of the Visign for Life 1 could be replaced by other coloured Push buttons for redesigning

- Visign for Style -



Style 10



Style 13



Style 11



Style 14



Style 12



- For 2-level flush
- Made of plastic
- Colours: Polished white, Chrome plated, Pergamon / cameo, Stainless steel coloured, Chrome matt

Style 12





- Visign for Public -



Visign for Public 2,
stainless steel, brushed

Commercial construction: Visign for Care with Viega Hygiene+ function



Flushes as often as necessary,
as little as possible

Especially in public buildings with interruptions in use, such as schools or hotels, hygiene is paramount. Viega provides the perfect solution with the Viega Hygiene+ concept. Looped in serial and ring installations combined with the Visign for Care actuating panel guarantee drinking water quality, even during interruptions in use.

**Intelligent, simple, perfect:
Viega Hygiene+**

An electronic control of the Viega Hygiene+ flushing system monitors lack of use of the drinking water extraction points and automatically ensures the required operation, preventing microbial contamination due to stagnation. An actuating panel triggers the flush with Viega Hygiene+ function. There are various actuating panels to choose from such as, e.g. Visign for Care sensitive, Visign for More sensitive or, for urinals, the Visign for More complete set with infrared technology.

- Visign for More -



- For 2-level flush
- Made of metal or glass (TG)
- Colours: Chrome plated, Stainless steel coloured, Chrome matt, TG Clear/grey, TG Parsol/black, TG Clear/mint green*

Visign for More 100 sensitive



Visign for More 100-Actuating panel sensitive

Made of tempered glass (TG), contactless version
for dual flush,

Available in :- 230 V (mains), 6,5 V (battery),

**KIWA
Certificate**

TEST CERTIFICATE FLUSHING TEST CYCLES

Viega has obtained KIWA Certificate under which the CISTERN is tested for 50000 test cycles continuously as against 25000 cycles as per any other test certification.

Viega is guaranteed for Ten years and is designed to take care of 2,00,000 flushing cycles.

kiwa
Partner for progress

UK APPROVAL
Certificate Number: 0803701

Date Issued: 7th March 2008
Date Expired: 7th March 2013

Description: 'Viega' concealed low level dual flushing cistern. Maximum working pressure 10 bar.

Product Designation: Cistern Visign 8864.4

This is to certify that the above range of products manufactured / supplied by **Viega GmbH & Co KG** has been tested and found to comply with the requirements of the Water Supply (Water Fittings) Regulations 1999 for England and Wales, the Water Byelaws 2000, Scotland and the Water Regulations Northern Ireland.

This certificate must be read in conjunction with the acceptance letter for this product.

This approval is intended for compliance with the above Regulations and must not be considered equivalent to the product certification provided by Kiwa N.V.

To comply with the Regulations and Byelaws all products require the correct installation. Details of the installation requirements (IRN's) can be obtained from the acceptance letter supplied with this certificate.
Applicable IRN's for this certificate – R001, R280

Authorised Signature
Kiwa Quality Services Ltd

Certificate Issued To -
Viega GmbH & Co KG
P.O. Box 430
57424 Alenborn
Germany

kiwa
approval
Certificate

Kiwa Quality Services Ltd
The Isaac Newton Centre
Sutton Park
Fosbury Drive
Eggleston Vale
Gwent
NP23 5XU

Tel: 00 44 (0) 1492 326782
Fax: 00 44 (0) 1499 330000
E-mail: info@kiwa.co.uk

Viega– FLUSHING AND PRE WALL TECHNOLOGY

Green Building

viega

Baseline Flow Rates for Water Fixtures in a Typical Household & Points for Efficient Water Fixtures



S. No.	Items	Base Line	Units	Points Awarded	
				Water consumption 20% Lower than base line	Water consumption 30% Lower than base line
1	Flushing	7/4	LPF	1	2

Viega Concealed Cistern Model No. 8864.4

Flush Volume – Standard - (Base line)

Big Flush 6 Ltrs.

Small Flush 3 Ltrs

The Flush volume consumption can be further reduced upto 30% lower than base line for 2 points credit.

Big Flush 4.9 Ltrs. from base line consumption of 7 Ltrs.

Small Flush 2.8 Ltrs. from base line consumption of 4 Ltrs.

- Viega pre wall flushing helps in getting precious 2 more lead points as per green building norms.
- Viega pre wall flushing also performs perfect, on recycled water.
- Viega Certificate attached for 30% low consumption.
- Kiwa Certificate attached for 6 / 3 Ltr. Consumption.

ADVANTAGE THERMOCOLE COVER

Thermocole on every Concealed Cistern is to protect from sweating and to reduce flushing noise level.

The cover is important in case the Cistern is installed in bigger area where air may circulate. In case the Cistern is completely embedded in brick work without any chance of air circulation the Thermocole cover can be removed.

By removing the Thermocole cover the thickness of the Cistern is reduced to 100mm which is a minor difference while comparing with 90mm.

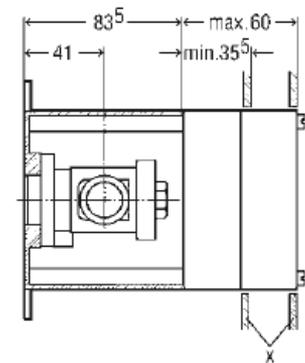
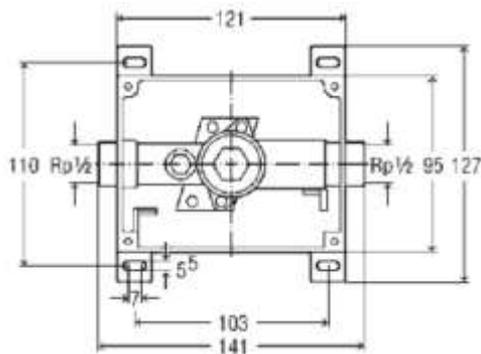
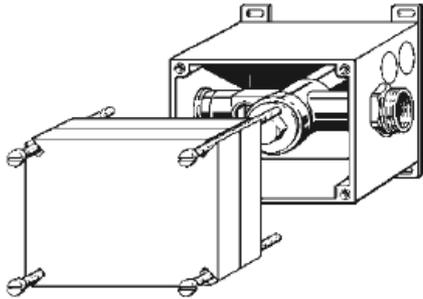
NOISE LEVEL

Viega meets the noise level requirement as per din 4107

Steptec drywall 16 db

Eco plus drywall 20 db

Mono brick wall 27 db



Urinal shell set
Viega Mono-Urinal flushing system
installation set,
for urinal with concealed system,
universally applicable installation set
in compact design

with:

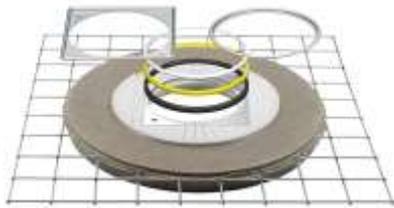
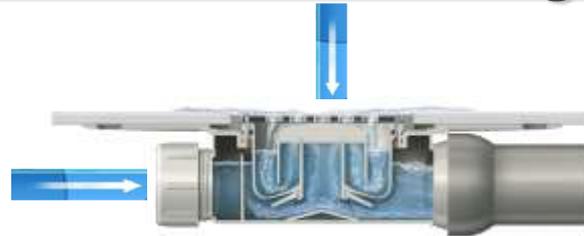
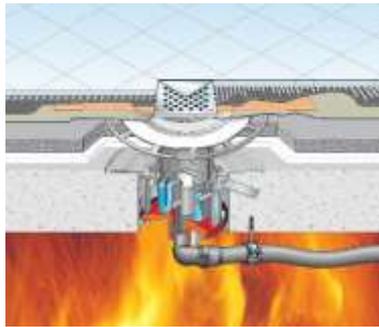
Visign plastic installation box,
suitable for connecting Visignprefabricated
Sets for mechanical or infrared release (9 V, 230 V),
pre-mounted waterway, flush-through stop,
pre-blocking, fitting connection 1/2 female thread,
cleaning cover, without flush plate or cover plate,
Model:- 8328
x = wall tile

**Viega actuating plates for Urinal
- Visign for Life –
mechanical release**

**Viega actuating plates for Urinal
- Visign for Life –
Infrared electronics 9V, 230V**



Advantix Bath And Floor Drainage



Fields of application for bath and floor drains

Public facilities and facilities designed for large groups of people, such as:

- Sports grounds
- WC and urinal facilities
- Swimming pools, saunas, etc.



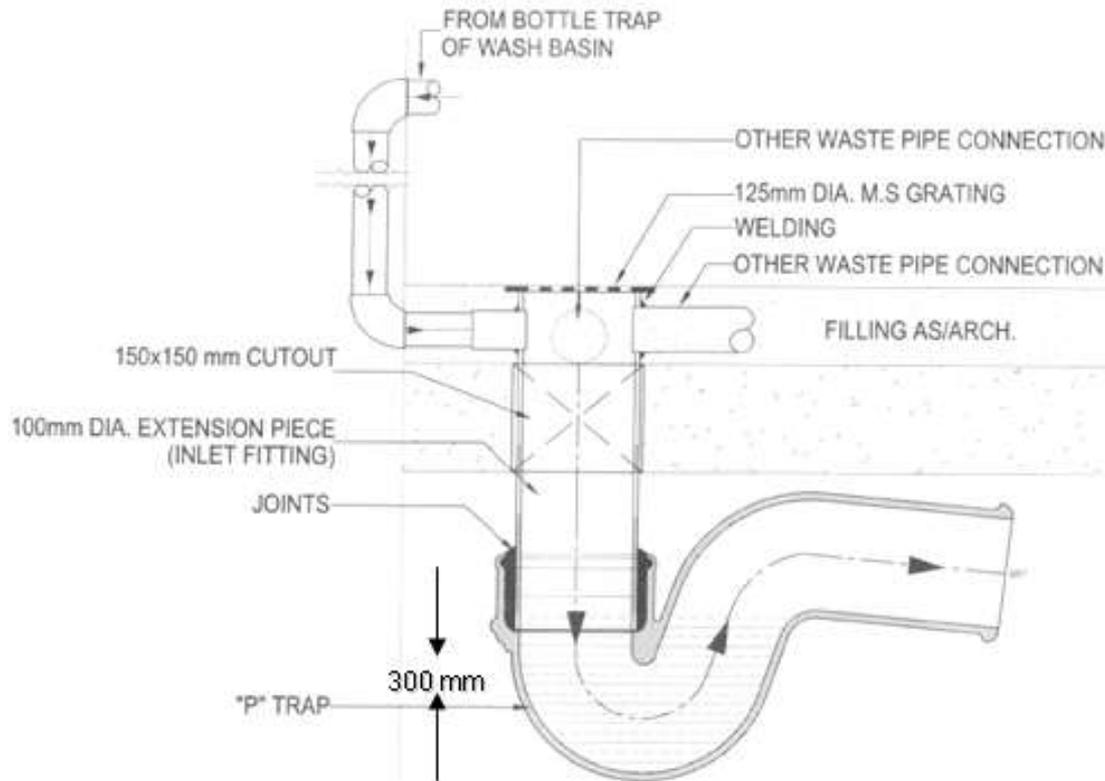
- Washrooms, in acc. with workplace directive (1 drain for every 30m²)
- In canteen kitchens and workshops
- On balconies
- In private swimming paths (floor-level showers)



Bath And Floor Drainage

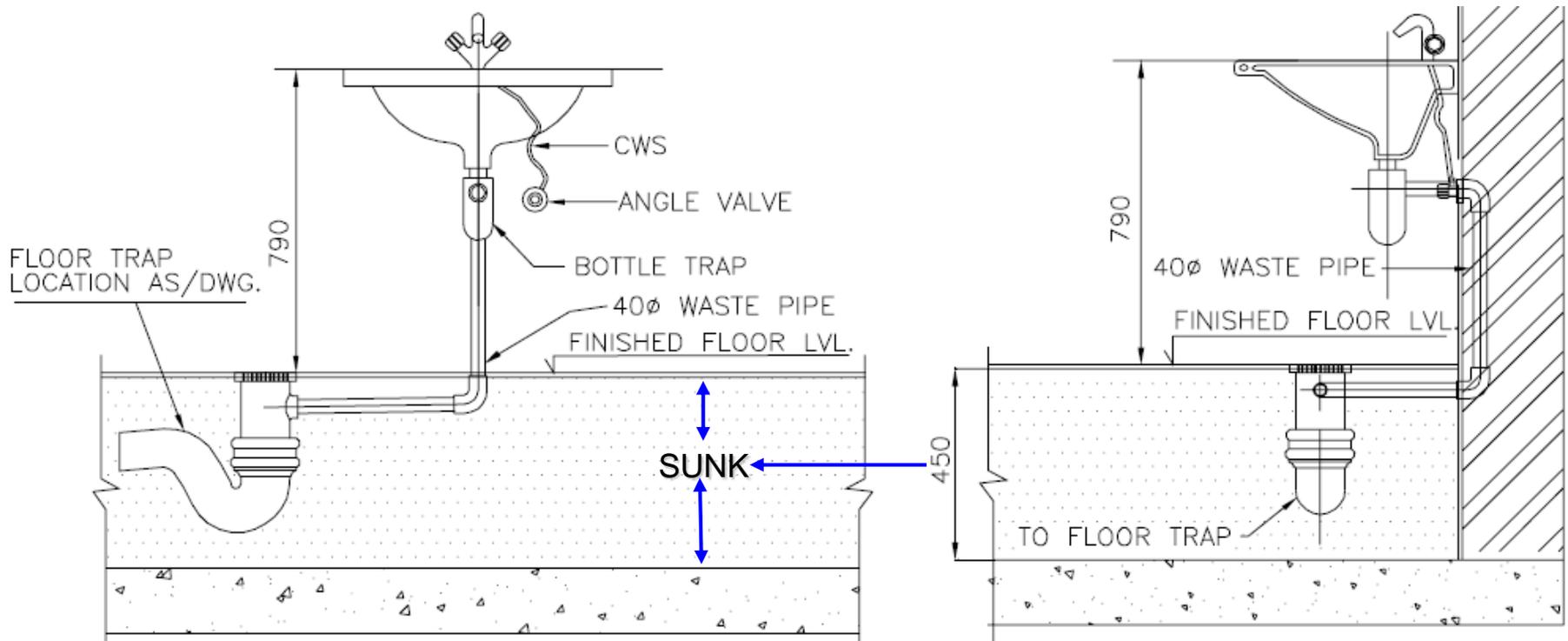
Traditional Floor Drain System

Traditional Floor Drain system Require Multiple components such as
1) P-Trap 2) Hopper 3) Coacroach Trap 4) Grating



Traditional Floor Drain System

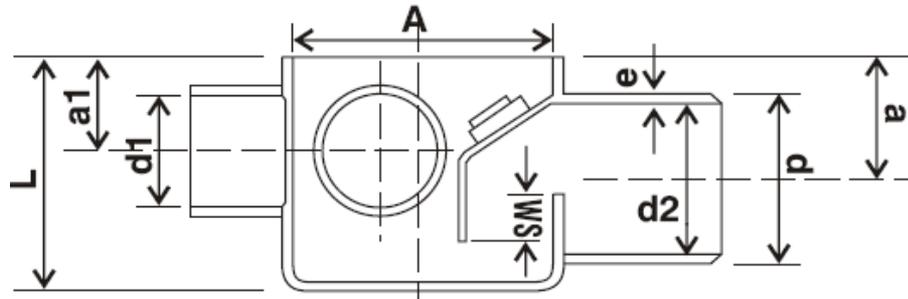
Traditional Floor Drain System Typical Installation Diagram



Installation Of Traditional Floor Drainage System Leads To:-

- 1) Higher depth (Sunken) is required to install the system. Which increases the slab cost.
- 2) Multiple Joints.
- 3) Difficult Installation Which require skilled labour. If not properly installed Leakage problem in future.
- 4) No easy cleaning access to the system.
- 5) No flange where water proofing can be done to prevent water to reach slab in case of leakage from the top.
- 6) Grating deep galvanised which is prone to corrosion very soon.

Bath And Floor Drainage Other Floor Drain System



Nominal Size	L	A	d	d1	d2	a	a1	b	X	Y	e _{min}	WS
110 (Shallow)	115.00	110.00	75.00	50.00	63.00	51.00	40.00	76.50	190.00	180.00	3.20	20
110 (Deep)	152.00	110.00	75.00	40.00	63.00	51.00	47.00	76.00	190.00	180.00	3.20	60

Seal	A	D	d	L	H
5" - 50	118	75	50	208	127
4" - 23	115	75	50	208	110

Technical drawing of a seal component. The drawing shows a side view of the seal with dimensions labeled: A (width), D (height), d (inlet diameter), L (length), and H (total height).

Seal	H	C	L	A
4" - 75	97	40	271	75
4" - 90mm	96	40	273	90

Technical drawing of a seal component. The drawing shows a side view of the seal with dimensions labeled: H (total height), C (height of the seal lip), L (length), and A (width).

Installation Of Other Floor Drainage System Leads To:-

- 1) Lower Water Seal 20mm (Can't say as effective water seal).**
- 2) No flange for water proofing area to cover the sys. Meance water will go directly into the slab in case of leakage.**
- 3) No height adjustment top with frame for the place for grate, Meance above the trap the installer will need to use another component or Cemented section for getting the top level as well as to install the frame for the grate.**
- 4) Cleaning nut is not easily accessible as well as openable. That meance cleaning is not easy.**
- 5) Minimum installation height is 115mm + Top till Tile Level for placing Garting.**
- 6) Outlet is 75mm. No option for 50mm as well as 100mm.**



Why use our drains?

- Can be used wherever a drainage point is required
- Lower depth of Installation (140mm)
- They feature an air trap/removable trap (For Cleaning purpose)/cockroach trap/non slip grate.
- They feature a sealing option to protect against leakage
- They ensure several drainage points

Viega— Drainage Technologies

Bath And Floor Drainage

viega



Top frame (4949.1)
the frame is of stainless steel.
With back-pressure seal



Clamping flange (4948.21)
Permits connection to a
sealing liner.



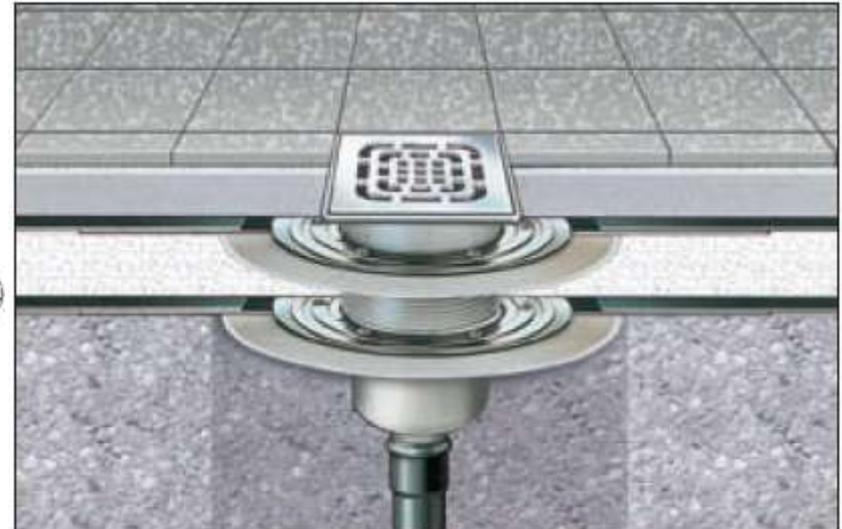
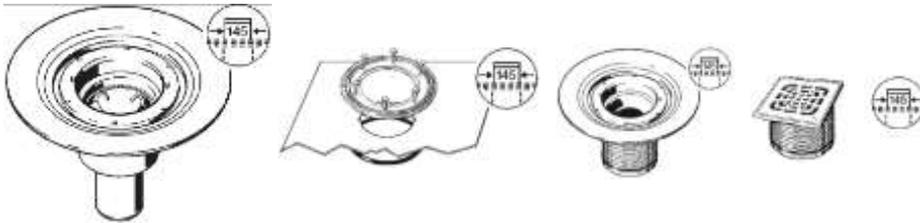
Basic element (4935.6)
Fixture with horizontal drain socket
adjustable by means of a universal
joint.

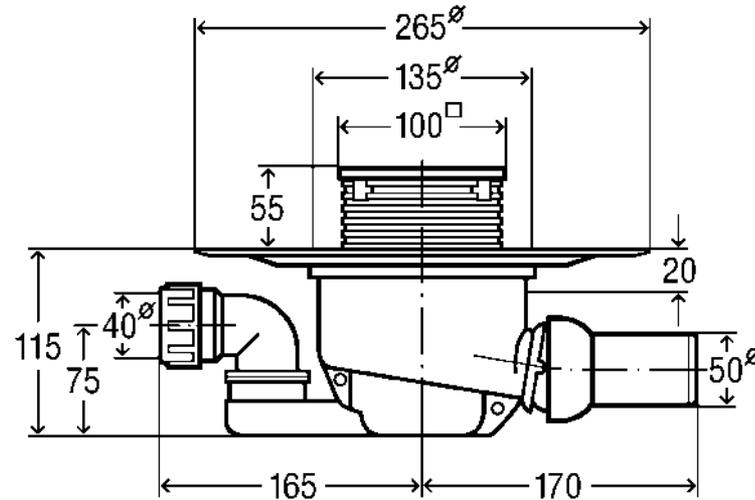
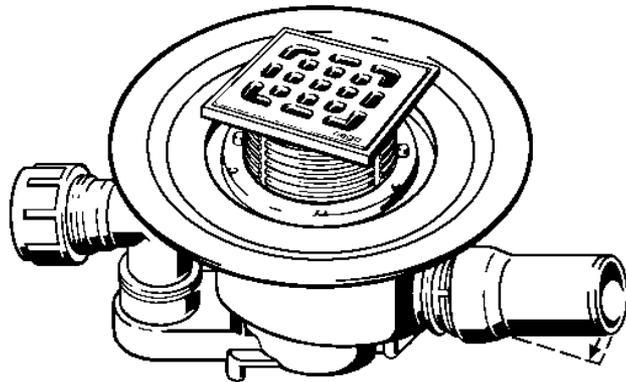


Viega— Drainage Technologies

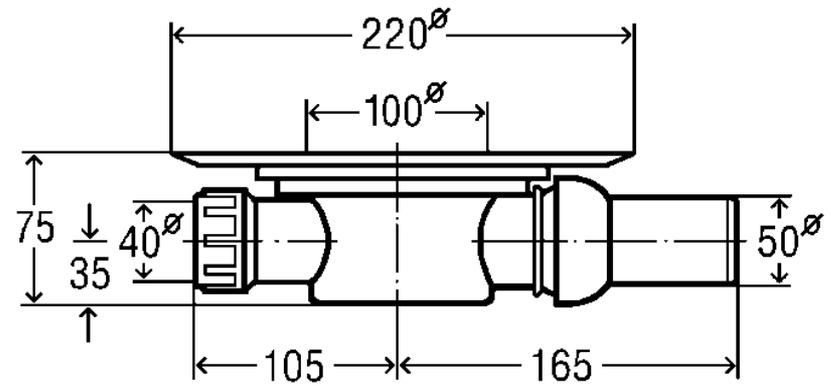
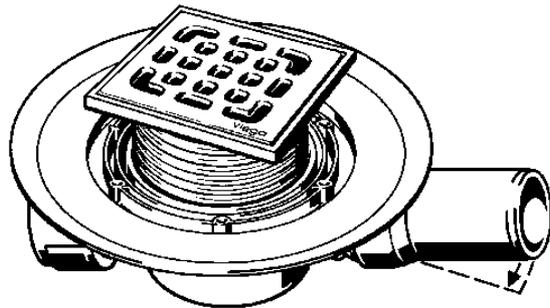
Bath And Floor Drainage

viega





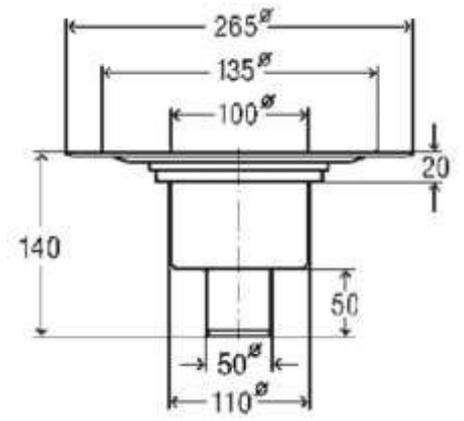
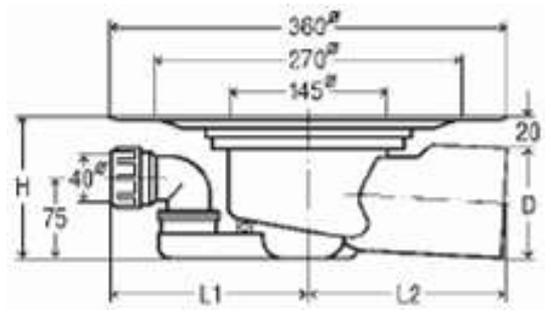
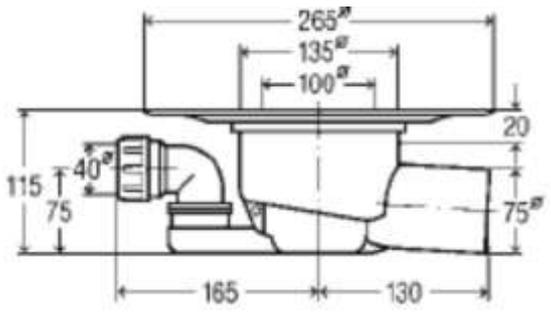
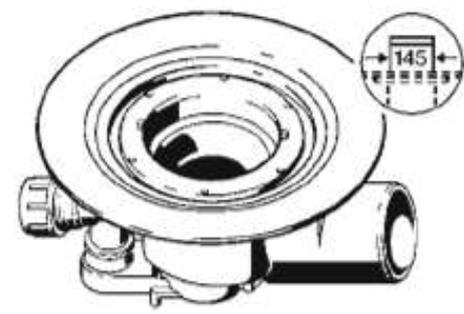
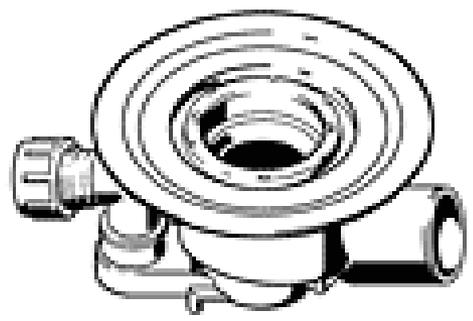
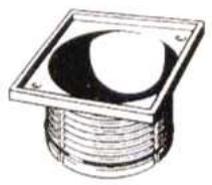
Drain capacity over the grate: 0.9 l/s (DN50) and 1.1 l/s (DN70) storage water height: 50mm



Drain capacity over the grate: 0.6 l/s (DN50) storage water height: 30mm

Viega— Drainage Technologies

Bath And Floor Drainage

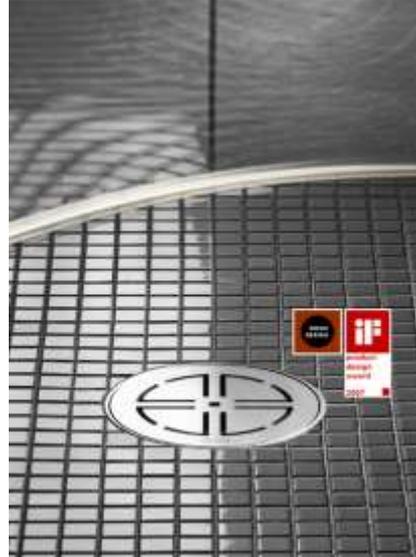
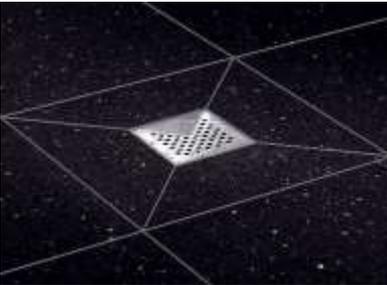
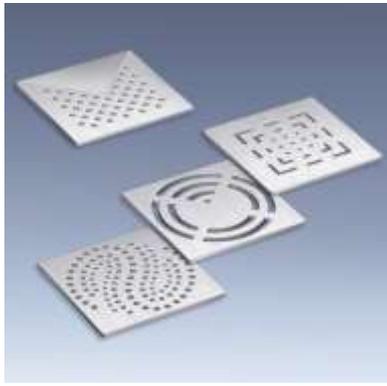


Viega– Drainage Technologies

Bath And Floor Drainage



Viega designer grates



Bath And Floor Drainage On Terrace



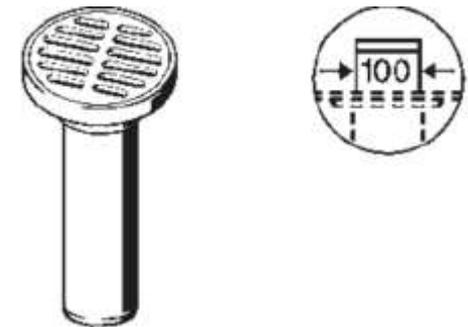
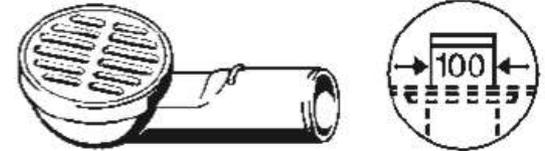
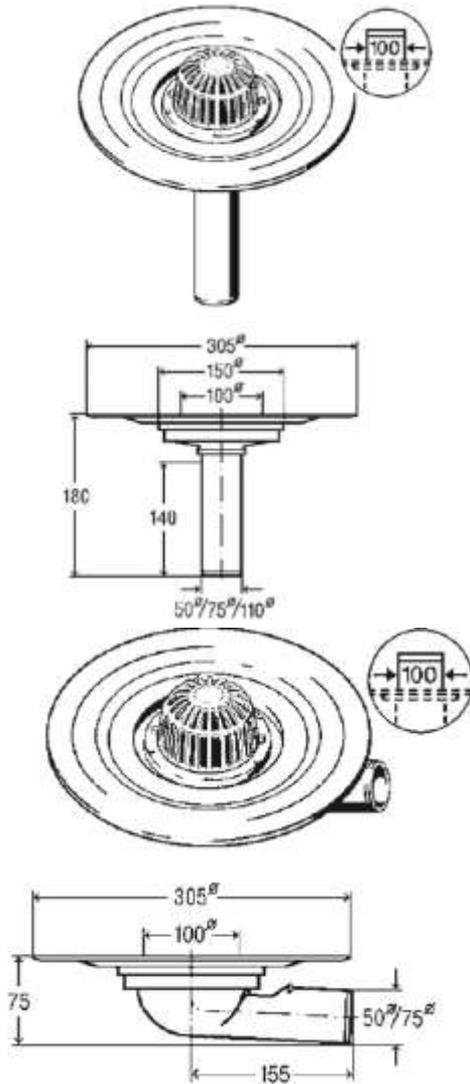
Clamping flange
Permits connection to a
sealing liner.

Advantix Sand Catcher.
Insert Element

Terrace Drain

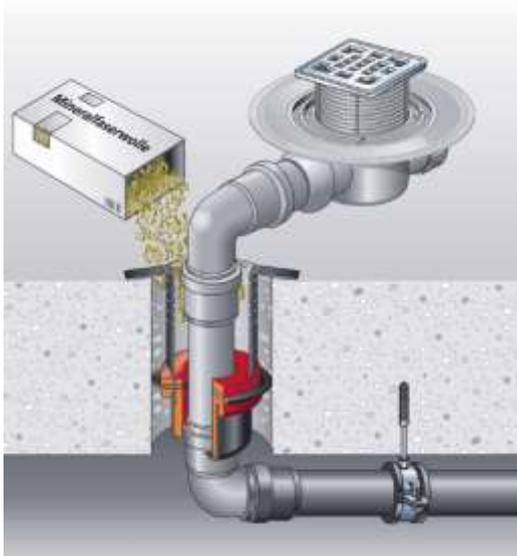


Bath And Floor Drainage On Terrace



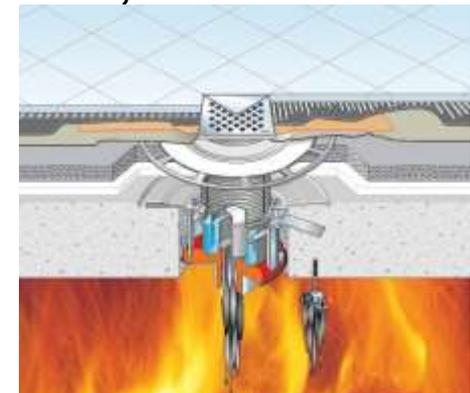
Advantix R120 fire protection floor drains

Special drain that combines a metal pot filled with bulking agent. In the event of a fire, this closes the floor break and the pipe connection.

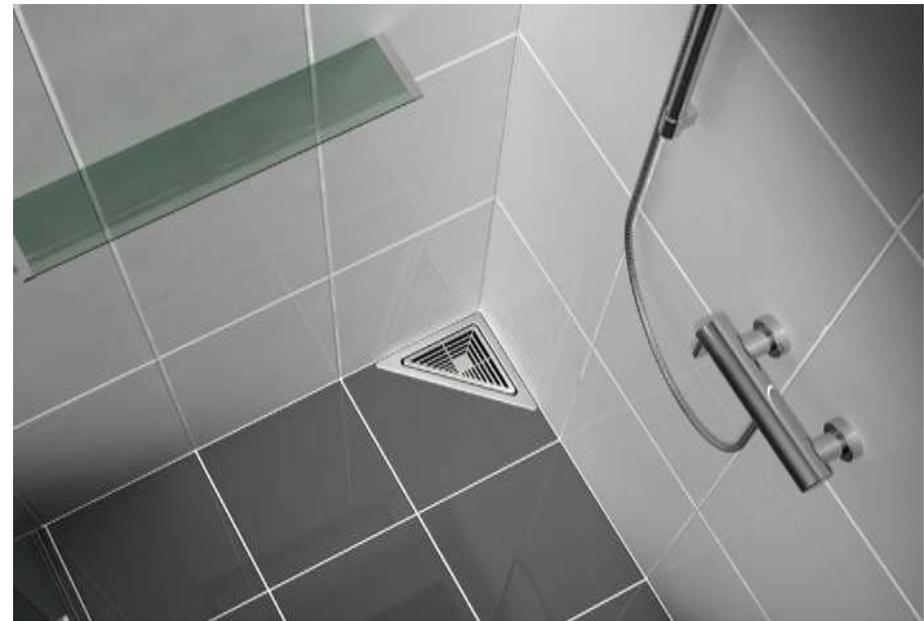


Fire protection pipe lead-in

- For connecting horizontal bath, shower and floor drains
- Plugged with mineral wool following insertion



Viega shower channels and corner drains



Viega– Drainage Technologies

Bath And Floor Drainage (Shower Channels)

viega



- **Dimensions (mm):**
750, 800, 900, 1000, 1200
- **Gratings** made of stainless steel and glass (TG)
- **Colours:** Dull and Shiny (S.S.) Clear/Grey and Parsol/Black(TG)

Viega– Drainage Technologies

Bath And Floor Drainage (Shower Channels)

viega



Basic Component made of stainless steel

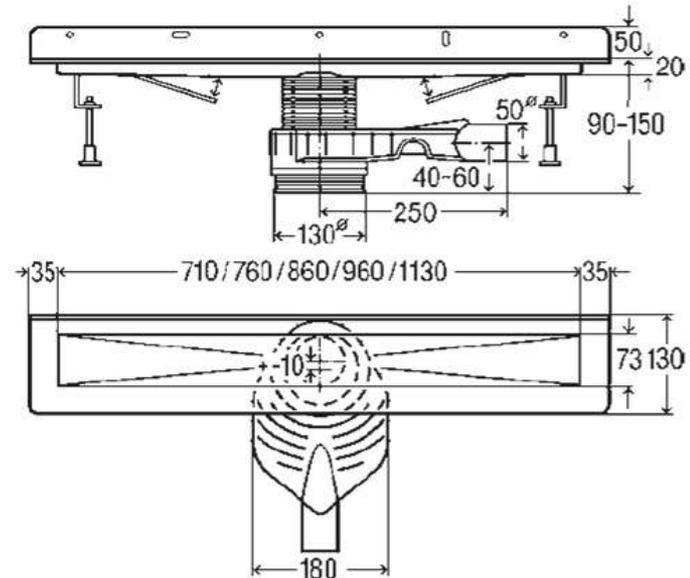
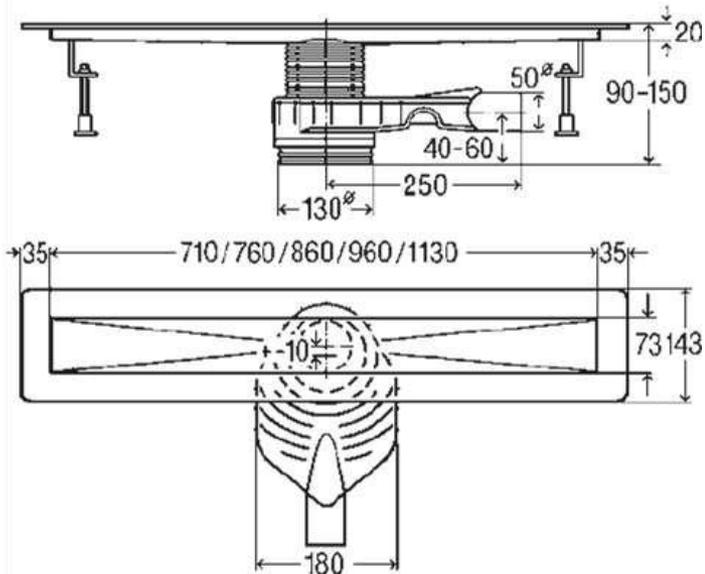
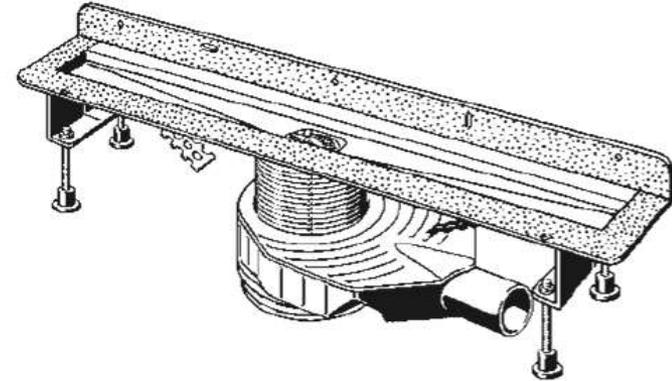
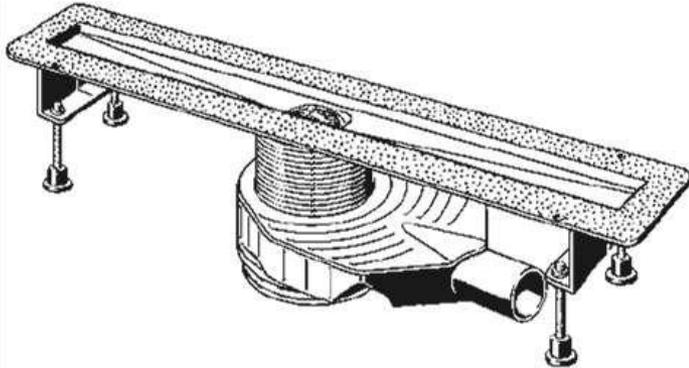
Viega– Drainage Technologies

Bath And Floor Drainage (Shower Channels)

viega



Basic Component made of stainless steel



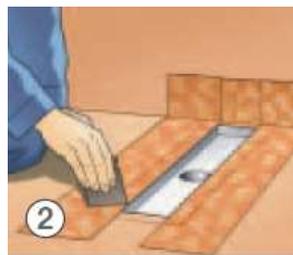
Storage water height: 50mm

Drain capacity in accordance with DIN EN 274, 0.8 l/s – 1.0 l/s

Available Length (mm): 750-1200



1 Adjust the shower channel with help of the continuously adjustable screw feet.



2 Insert the shower channel into the bonded sealant with the sealing accessories.



3 Adjust the height-adjusted grate frame from the middle by up to 5 mm. Then tile up to the frame.



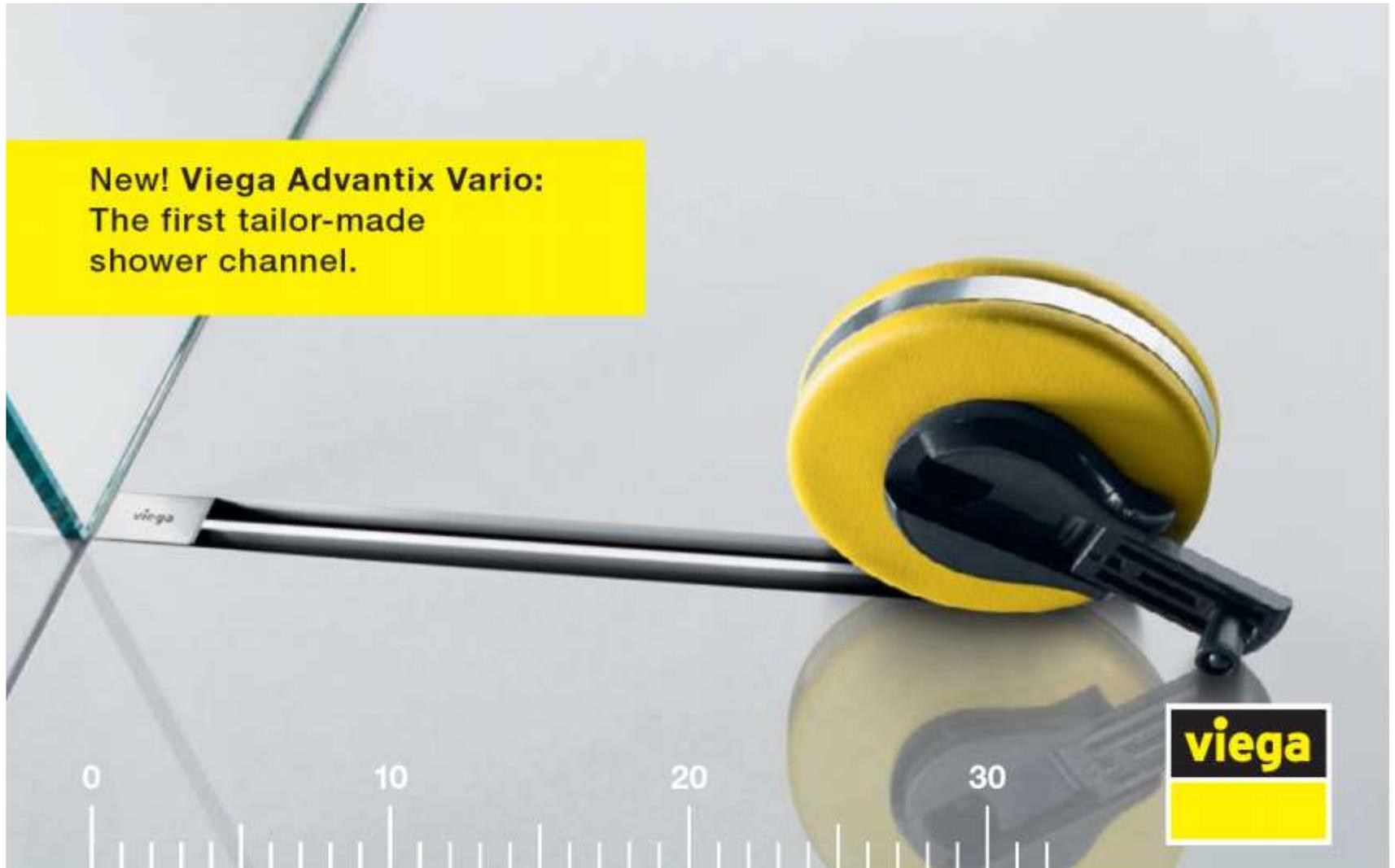
4 The perfect result: The Advantix shower channel with Visign grate.

Viega– Drainage Technologies

Bath And Floor Drainage (Shower Channels)

viega

**New! Viega Advantix Vario:
The first tailor-made
shower channel.**



viega

Viega– Drainage Technologies

Bath And Floor Drainage (Shower Channels)

viega

Viega Advantix Vario:
Continuously variable from
30 to 120 cm

A great success – that's the long
and the short of it

Viega Advantix Vario is the first
shower channel that can be contin-
uously shortened. It can be cut to
the required length with millimetre
precision and very little effort. It
can then be fitted along the wall or
anywhere in the room. This enables
one to react to all of the require-
ments on site. An overview of the
advantages:

- simple, quick mounting
- secure sealing concept
- attractive, unobtrusive design
- reduced warehousing
- height adjustable grate
- adjustable installation height
- self-cleaning drain
- comprehensive accessories

DESIGN PLUS

powered by **ISH**



reddot design award
winner 2011



0

10

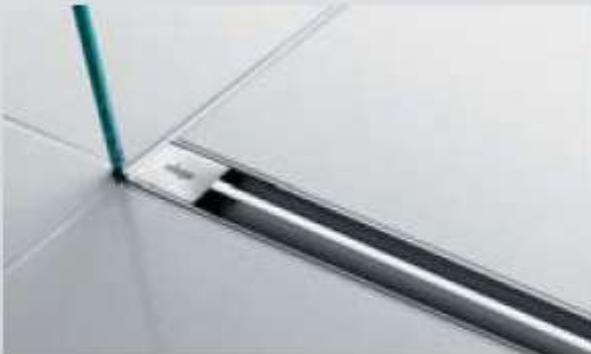
20

30

Viega– Drainage Technologies

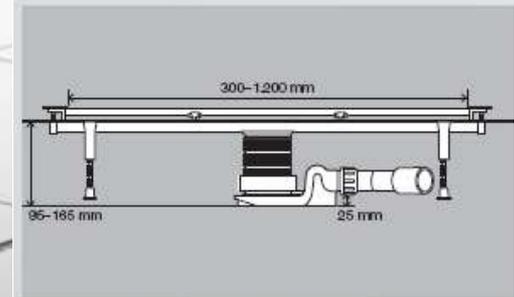
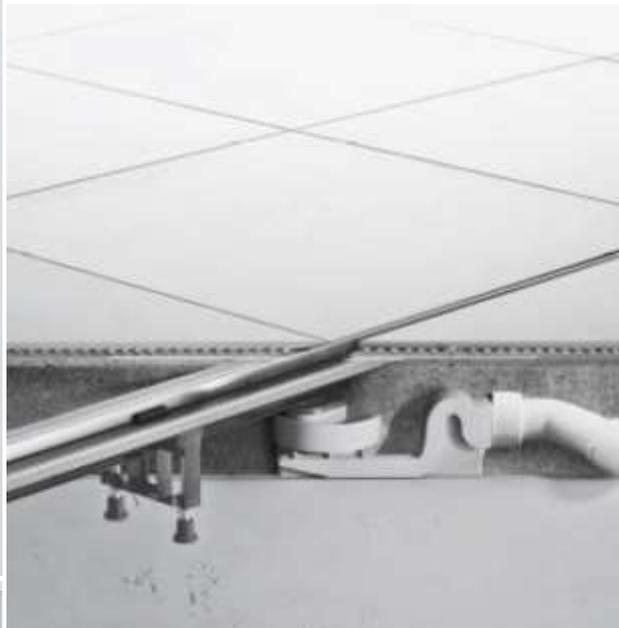
Bath And Floor Drainage (Shower Channels)

viega



Attractive unobtrusive design

The fine stainless steel base grate integrates harmoniously into any tile pattern. Additional design variations are created by the inclusion of tile border rails with a polished or matt surface. Advantix Vario has already received many design prizes for this.



Variable installation height

The installation height is between 95 and 185 mm. Even in the flattest installation situation, the height difference between drain supports and the floor is only 25 mm. A 2.5 m slope in the connection pipe can therefore be achieved without needing to lift the shower channel. Depending on the installation situation, the drainage capacity is between 0.4 and 0.8 l/s.



Height adjustable grate

Using the adjustable grate holder, the grate height can be adjusted exactly to various tile heights from 5 to 20 mm. If thicker floor coverings, e.g. natural stone, are used, the grate holder can be adjusted by 15 to 30 mm with help of an accessory set.



Self-cleaning drain

Complete drainage without residue is achieved thanks to the minimal flow resistance and high flow rates of the specially constructed drain set. Even the basic unit of the Advantix Vario shower channel is extremely easy to clean: Firstly, due to its narrow construction and secondly, due to the fact that it has nowhere where dirt can be trapped inside, because the corresponding standing grate does not require supporting feet.

Viega– Drainage Technologies

Bath And Floor Drainage (Shower Channels)

viega



1 Measuring the required length and placing of the saw guide in the appropriate position on the channel basic unit.



2 Shortening of the channel basic unit using a hacksaw and the saw guide.



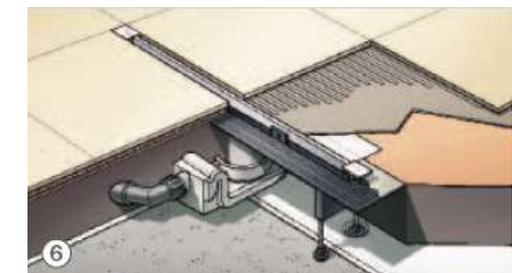
3 After deburring the cut edges, apply lubrication to the flange area of the shower channel, place the caps onto the channel and screw tight.



4 Determination of the construction height and shortening of the height-adjustment piece as well as the assembly of the drain set and support feet. Then adjust the shower channel using the adjustable feet.



5 Application of the adhesive and sealing strip, working-in of the sealing strip into the liquid seal.



6 The perfect result: The height-adjustable standing grate, which is only 4 mm wide, integrates harmoniously into a tile gap that is only 20 mm wide.

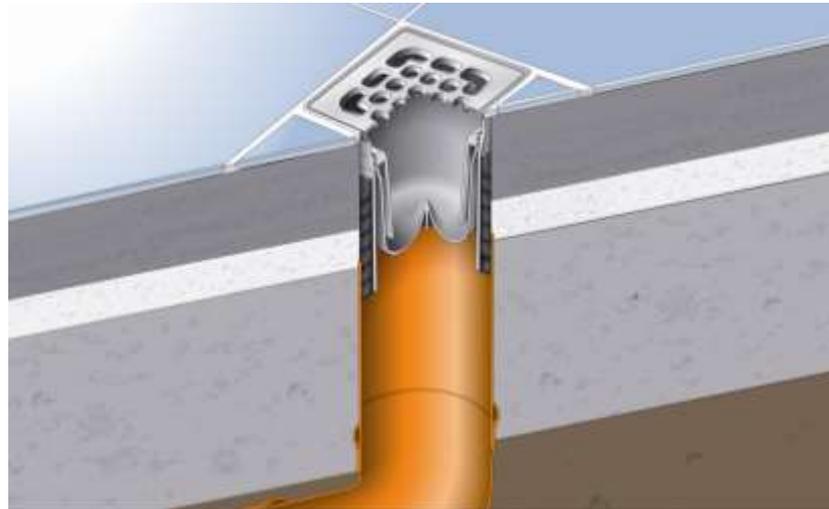
Insert drain



- Without sealing flange
- With multiple lip seal for insertion into a pipe support of a PVC or HT pipe DN 100 (internal diameter 98 to 105 mm)
- For use in ground-level floors that do not have to be sealed or have not a lot of water fall on them like gardens, terraces, cellars and so on.

Insert drain

- Height-adjustable from 10 to 95 mm
- With grate frame made of stainless steel, load traffic class 3
- Easily removable trap, in this way a cleaning opening of 90 mm is created for the channel pipe



Insert drain

3 versions

- With sealing water – odour trap 50 mm
- With sealing water – odour trap 30 mm in odour style
- In frost proof style



50 mm / 0.8 l/s



30mm / 0..40 l/s

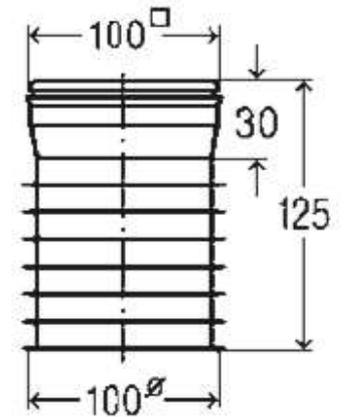
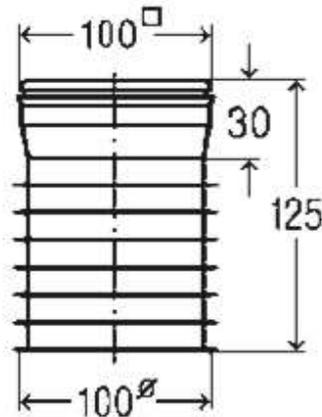
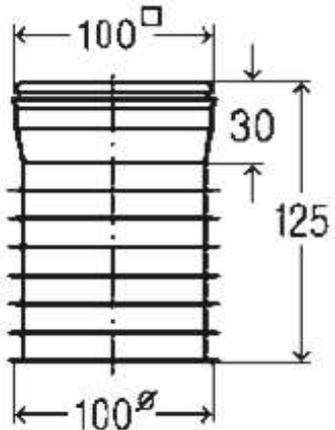
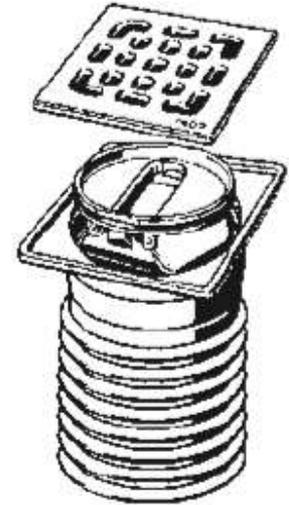
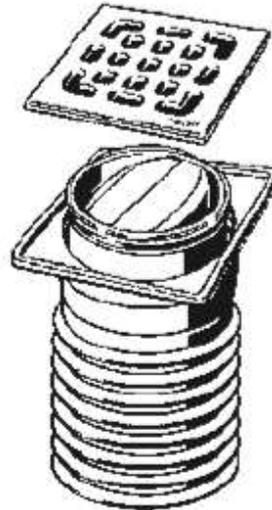
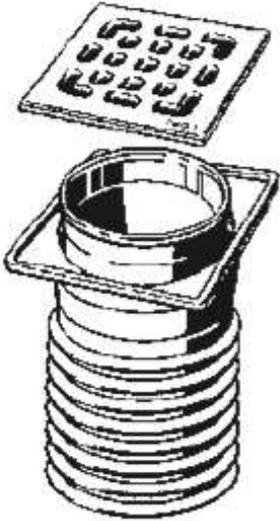


No Water Seal- / 0.70 l/s

Viega– Drainage Technologies

Bath And Floor Drainage (Shower Channels)

viega



Viega– Drainage Technologies

Bath And Floor Drainage (Corner Drains)

viega

The floor drain....in the corner!



- Makes the best use of bathroom designs with round and polygonal shower partitions**
- No more standing on the drain when in the shower
 - Makes cleaning the shower floor easier

Made from high-grade stainless steel

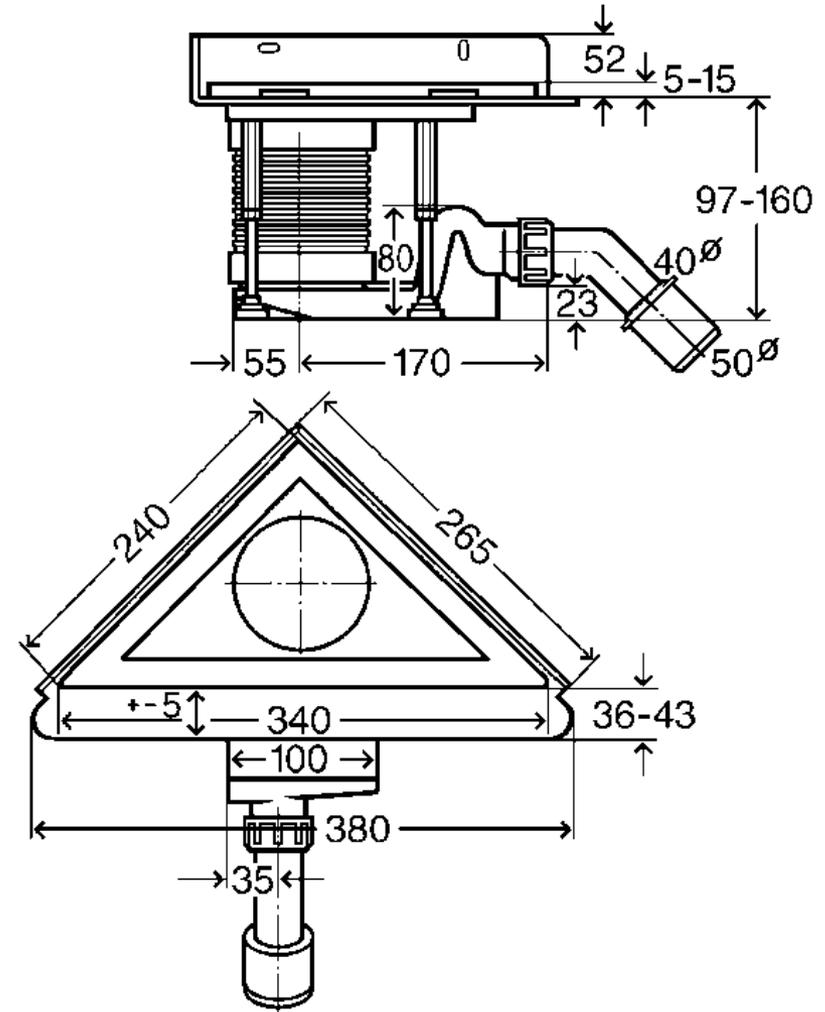
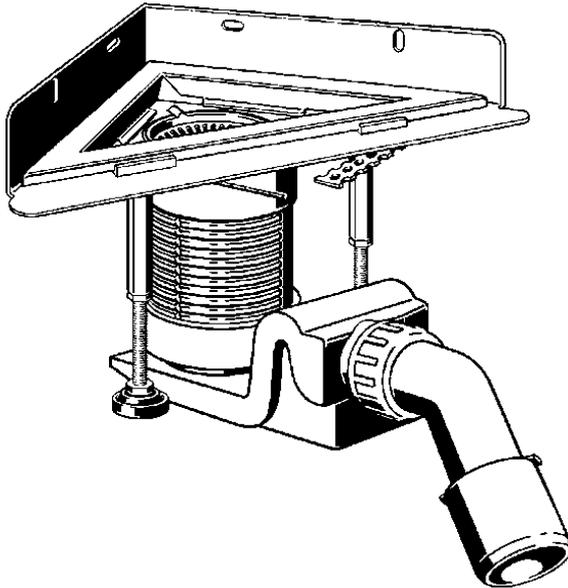
- Technical features as with the Visign shower channel



Viega– Drainage Technologies

Bath And Floor Drainage (Corner Drains)

viega



Storage water height: 50mm

Drain capacity in accordance with DIN EN 274, 0.45 l/s – 0.7 l/s

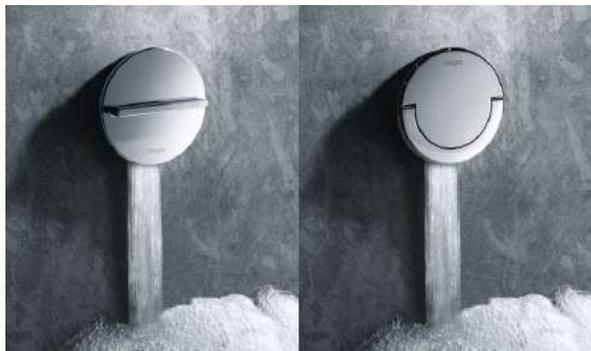
Viega– Drainage Technologies

Waste and Overflow Fittings For Bath Tubs And Deep Shower Trays

viega



Drains for Bathtub



Viega– Drainage Technologies

Waste and Overflow Fittings For Bath Tubs

viega

Simplex

Simplex Trio

Rotaplex Trio

Multiplex

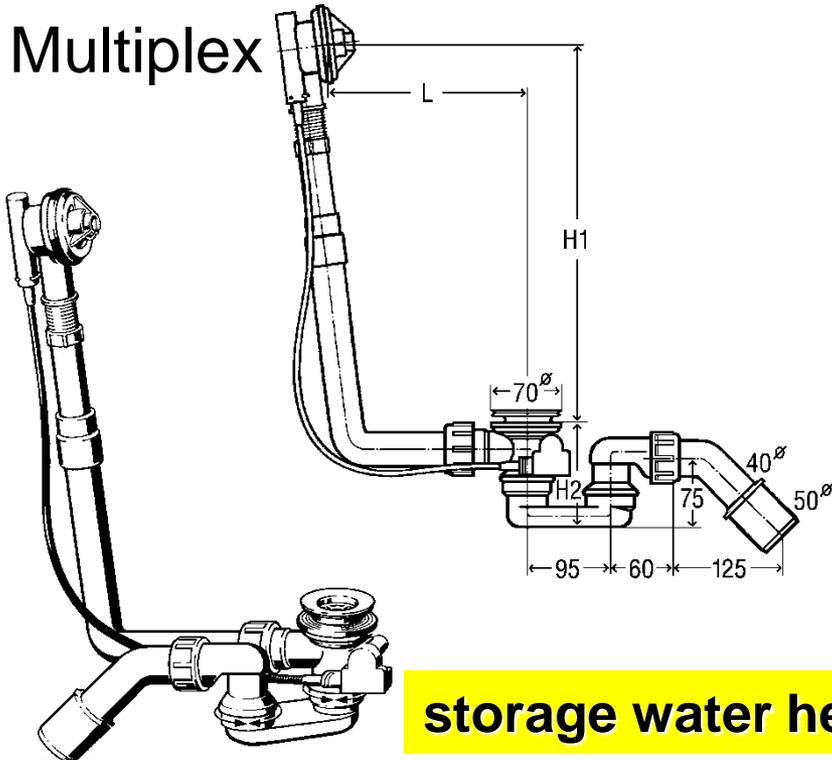
Multiplex trio



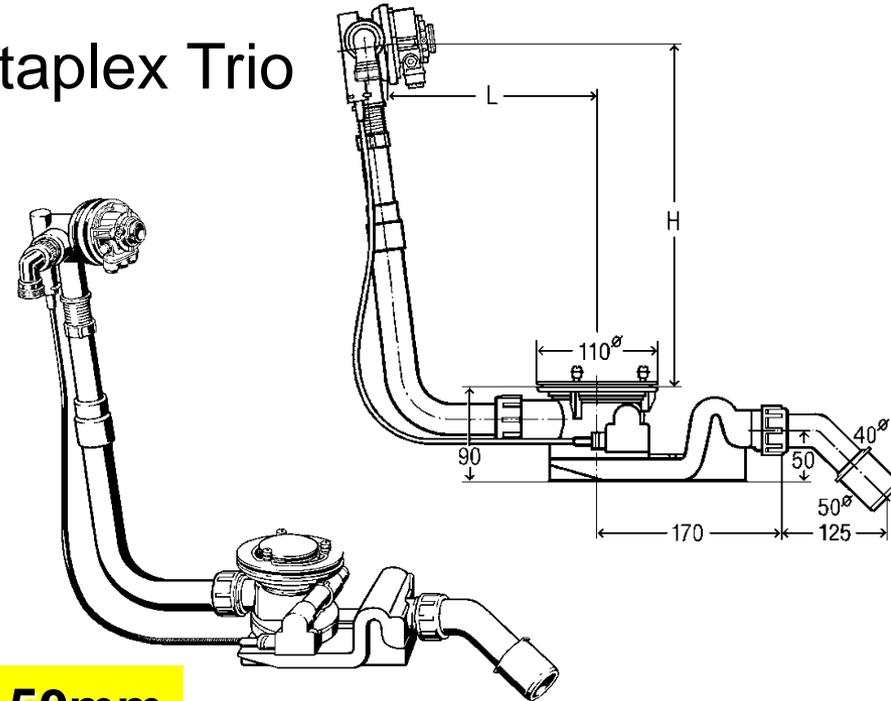
Viega– Drainage Technologies

Waste and Overflow Fittings For Bath Tubs

Multiplex



Rotaplex Trio



storage water height: 50mm

Order Code	L	H1	H2	H3
103071	100 - 260	180 - 400	110	75
111069	130 - 370	180 - 430	110	75
308889	100 - 680	180 - 480	110	75

Order Code	L	H
491383	150 - 400	180 - 430
574963	150 - 680	180 - 480

Viega– Drainage Technologies

Waste and Overflow Fittings For Bath Tubs

viega



Rotaplex Trio F

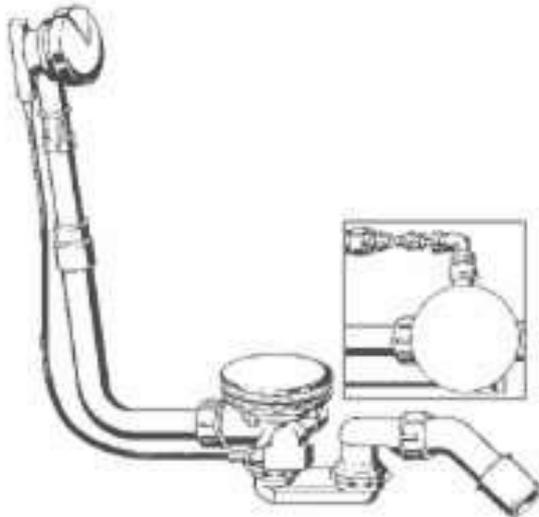
Rotaplex trio F is an inlet, outlet and overflow fitting for bathtubs. The filling of the bathtub takes place from the bottom – almost silently: the Fraunhofer Institut in Stuttgart detected a noise level for the Rotaplex Trio F that was reduced by more than half compared to a standard fitting.

With a construction height of 10 cm, the Rotaplex Trio F requires little space. Inlet and outlet are well separated from one another due to the height difference. A backflow preventer makes sure that no waste reaches the drinking water system. Further protection is provided by the DVGW certified concealed pipe interrupter, which is included in the scope of delivery. In addition to all of this, Rotaplex Trio F can be combined with all of designer rosettes of the multiple prize winning bathtub fittings from Viega.

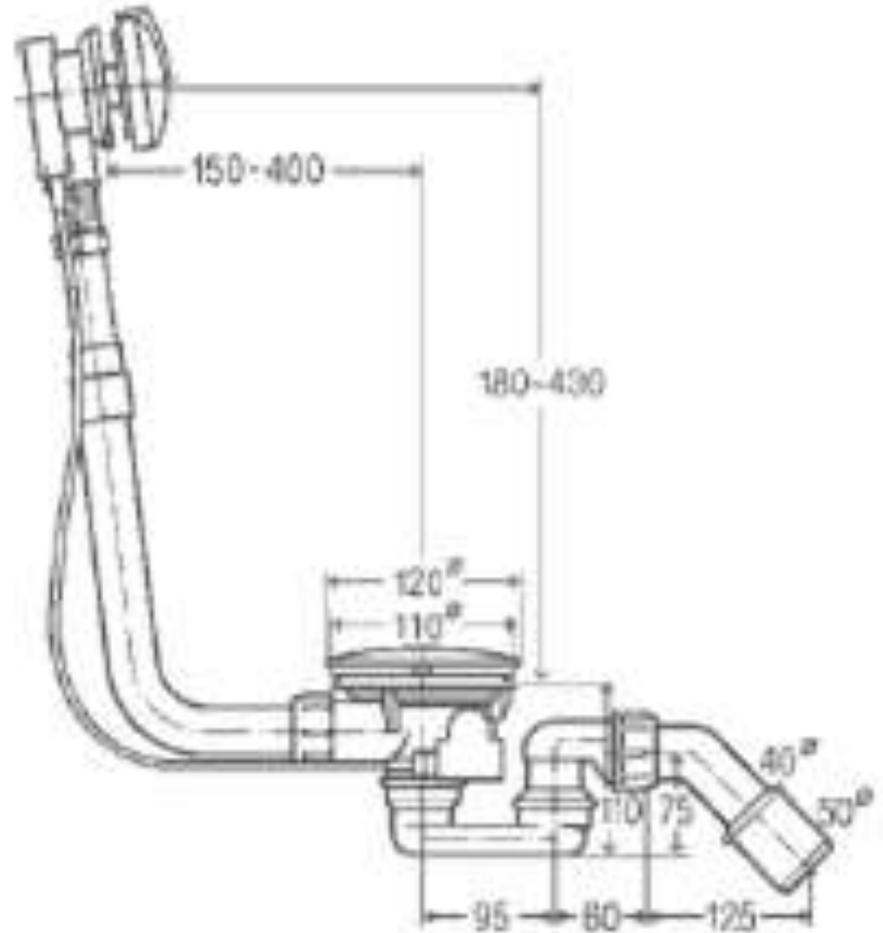
Rotaplex Trio F
Inlet, outlet and overflow fitting for
bathtub,
middle drain

Viega– Drainage Technologies

Waste and Overflow Fittings For Bath Tubs



Rotaplex Trio F



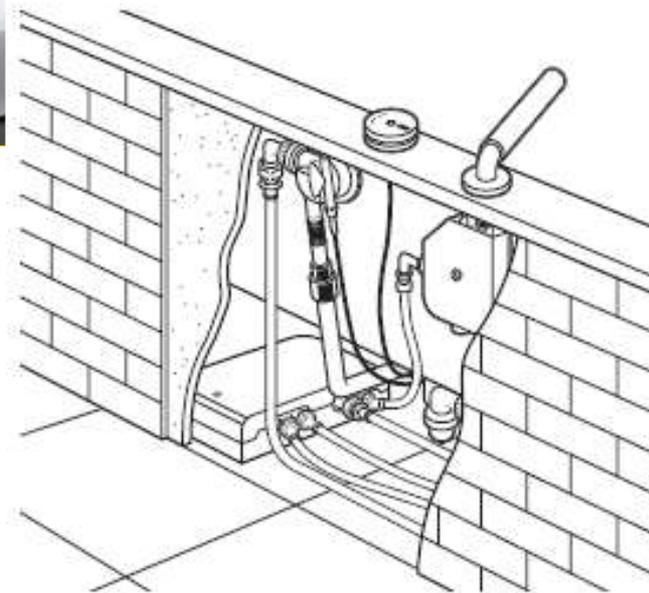
Viega– Drainage Technologies

Inlet, Outlet and Overflow Fittings for Bathtubs: Electronic Mixer Unit

viega



Multiplex Trio E
Multiplex Trio E is a fitting for bathtubs, which at the press of a button carries out the process of filling the bathtub. An electronically controlled mixer valve measures and controls the temperature as well as the flow rate and stops the inflow as soon as the pre-determined filling volume has been achieved. The Multiplex Trio E can be combined with all Viega inlet, outlet and overflow fittings. When positioning the control element, either on the edge of the bathtub or the wall, you can decide freely how you like it. All of the technology can be placed freely and out of sight. It remains accessible via a revision duct.



Multiplex Trio E Control Unit
For positioning on the bathtub edge or wall



Multiplex Trio E Mixer Unit
For flexible assembly, even in tight installation situations

Viega– Drainage Technologies

Inlet, Outlet and Overflow Fittings for Bathtubs: Electronic Mixer Unit

viega



Comfort in a new dimension:
electronic regulation in the bathroom.

Like all fittings in the Multiplex Trio E series, Multiplex Trio E3 can be placed anywhere, e.g. on the bathtub rim or on the wall. And, of course, the three product variations can be combined with all of the manual and electronic inlet and overflow fittings of the Multiplex Trio and Rotaplex Trio ranges.

Viega– Drainage Technologies

Inlet, Outlet and Overflow Fittings for Bathtubs: Electronic Mixer Unit

viega



Multiplex Trio E3 Control Elements

The rotatable display element with a glass surface and the element made completely of chrome ensure intuitive handling. That makes Multiplex Trio E3 especially attractive for use in semi-public buildings (hotels or medical uses).



Multiplex Trio E3 Control Elements

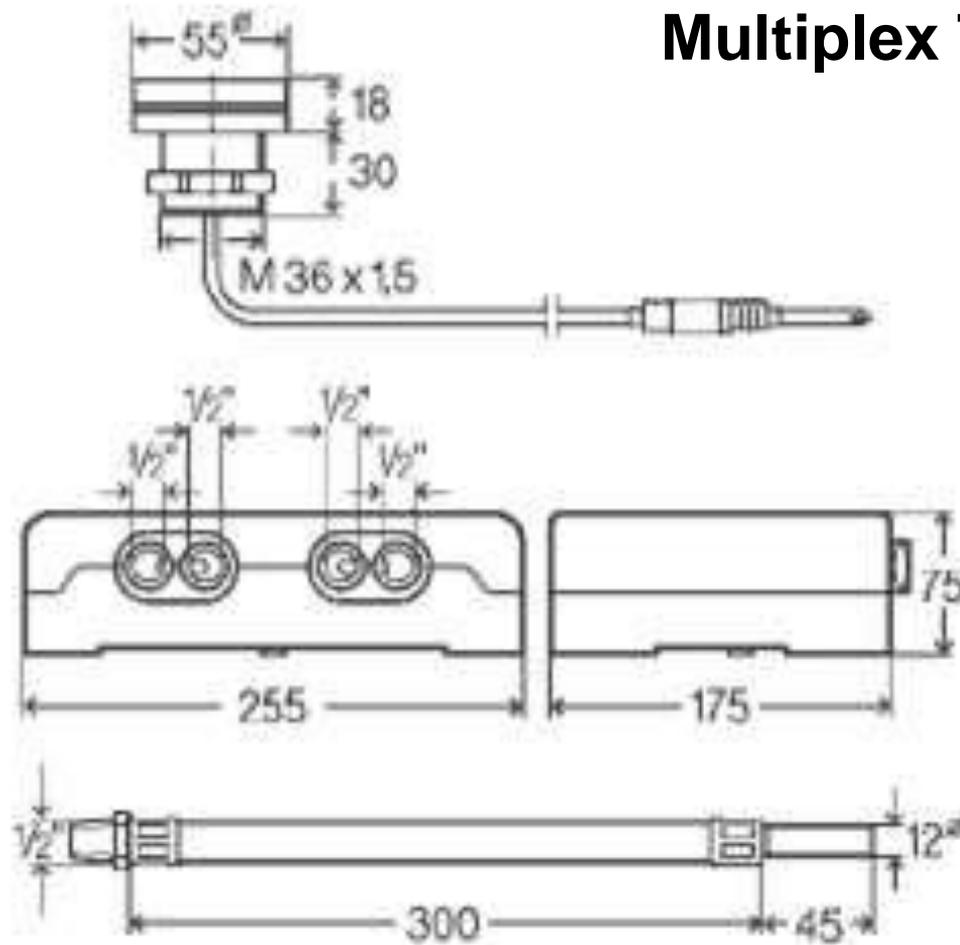
A clear separation of the functions in two control elements, but optically identical: The Multiplex Trio E2 stands for clarity in control and function.



Multiplex Trio E Control Element

Everything concentrates itself reservedly on one central control element. Information about the water temperature and the flow volume can be seen on the lighting.

Multiplex Trio E-Fitting



Viega– Drainage Technologies

Waste and Overflow Fittings For Deep Shower Trays

viega

Shower tray drains



Domoplex



Omniplex



Duoplex



Tempoplex

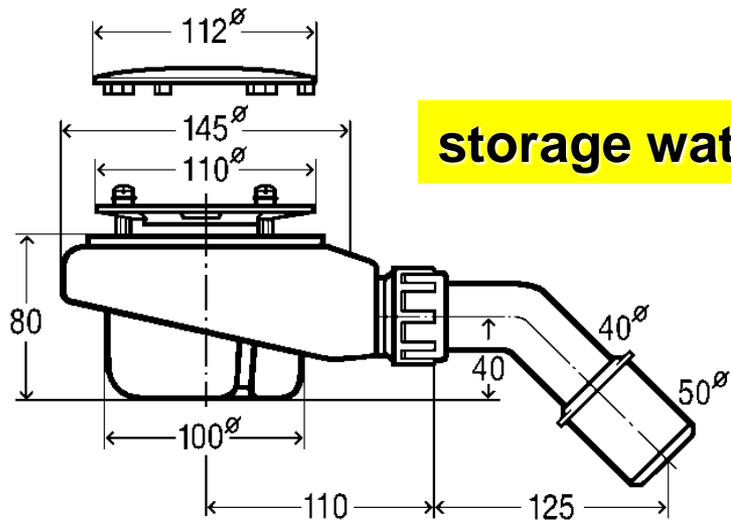
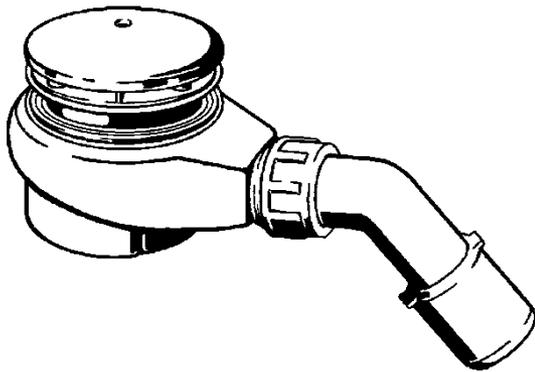


Viega– Drainage Technologies

Waste and Overflow Fittings For Deep Shower Trays

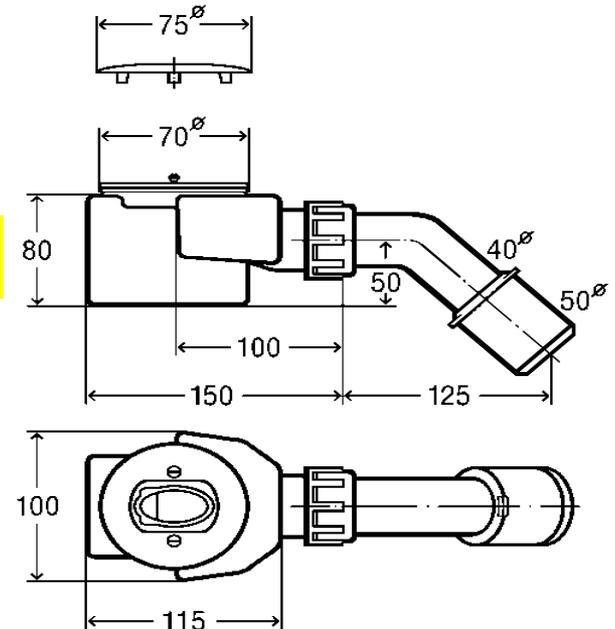
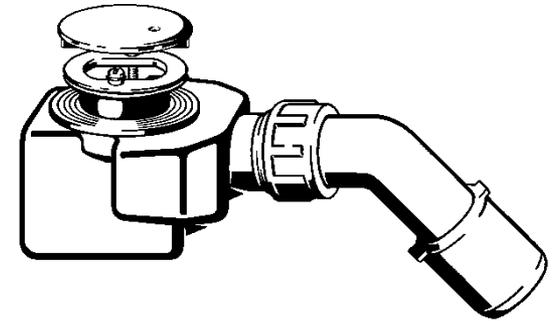
viega

Tempoplex



storage water height: 50mm

Domoplex



Viega– Drainage Technologies

Drains for washbasins and urinals

viega



Bottle siphons

- Made of high-grade brass
- Polished chrome-plated
- Sealing water height 50 or 60 mm
- Cup can be unscrewed for cleaning



- Plastic chrome-plated water trap for washbasins without overflow
- With removable chrome-plated standpipe



In-wall water traps



On-wall water traps



Pipe siphon and Plus siphon



- Made of high-grade brass
- Polished chrome-plated



- Made of high-grade brass
- Polished chrome-plated
- Long version
- With 3/4" threaded hose connection
- For connecting a drain hose



Plastic pipe siphon

Made of high-grade polypropylene
Cheaper alternative to the brass siphon
Long version

Viega– Drainage Technologies

Drains for washbasins

viega

- Visign V1 all-purpose valve
- With round cover plate
- Alternatives:
lockable
non-lockable



- Visign V1 shaft valve
- With round cover plate
- Alternatives:
lockable
non-lockable



- Visign V2 all-purpose valve
- With angular cover plate
- Alternatives:
lockable
non-lockable



- Visign V2 shaft valve
- With angular cover plate
- Alternatives:
lockable
non-lockable



Sink sets



- Sink drainage with bowden wire and chrome-plated rotating handle.
- Stainless steel valve body.



- Double sink drain with bead chain and plastic plug.
- Stainless steel valve body.

Water traps for sinks



Horizontal outlet



**With 45° draining elbow
and hose connection**



Flexible outlet

Drain connections for sinks



**For double sinks with
eccentric discharge**



**For double sinks with
centric discharge**

Sets for special purposes



**For connecting waste
water hoses**



**To urinals
and waste sinks**



**Funnel for leakage
water connection**

Appliance siphons



**Standard DIN EN 274
Appliance siphons**



**For wall mounting with
horizontal outlet**



**For wall mounting
with vertical outlet**



Appliance siphons

Odour trap without water inlet

Odour Trap without Water Inlet

If the trap is installed as a concealed model, then only the rosette and angled hose fitting are visible. In addition, there is the space-saving option of visible assembly. The odour trap can be installed particularly quickly and easily with the joining material provided with the fitting.



Appliance siphon with water supply

- **Washing machine connection with integrated water supply**
- **Shut-off valve with anti-siphoning device**
- **Standard DIN EN 274**



Appliance siphon with water supply

Odour trap with Integrated Water Inlet

To drain washing machines, Viega offers concealed traps with integrated water inlet. As an alternative, these can be fitted behind the device in an easily accessible place for optical reasons. The backflow preventer and pipe ventilator are part of the shut-off valve fittings. Both are also integrated into the connecting elbow.



WC connector elbows



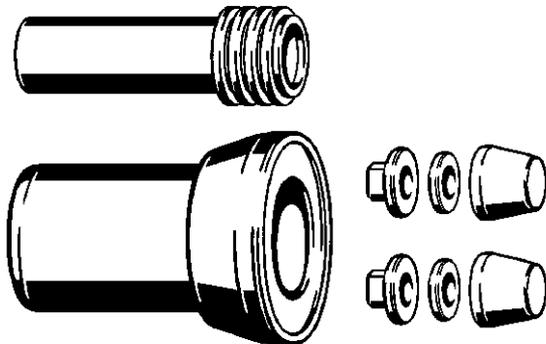
**WC connector elbow 90°
with EPDM seal**



**WC connector elbow 90° with
EPDM seal and two
lateral connections**

WC connections

WC connection set (botch repair set)



**DN 90 WC connection
for wall-mounted WCs**



**DN 100 WC connection
for wall-mounted WCs**

Branch pipes for WC connections



DN 100x90 WC branch pipe



DN 100x90x50 WC branch pipe

Distance Elbow



60 / 90 / 120 / 180mm

Urinal Connections



- **Urinal suction with horizontal discharge**
- **With Water Seal**
- **Suitable for flushing volumes of 1-4l**

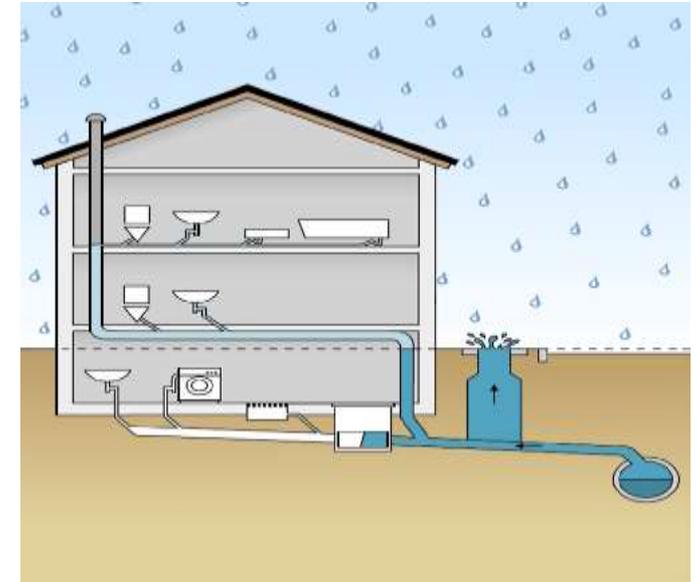


- **Urinal suction with vertical discharge**
- **Suitable for flushing volumes of 1-4l**
- **With Water Seal**

Viega– Drainage Technologies

Back Pressure Protection Systems

viega



How can back flow occur?

- Due to stoppage
- Pump failiure
- Due to foreign particles or solids

- Due to heavy rain



Different varieties

Singel object protection

Secure Single objects



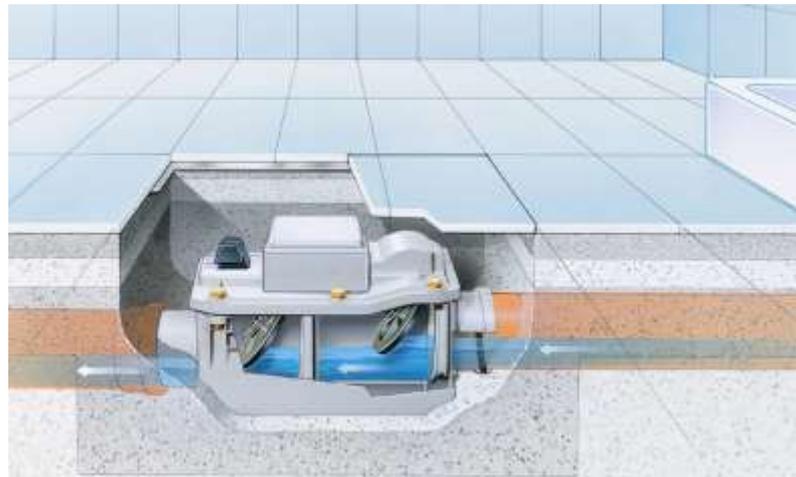
Multiple Object

Secures multiple objects



Grundfix

- The Grundfix can only be used in waste water drains without human excrement
- The Grundfix has got two trap doors and one hand shutter
- Available in the sizes DN 100-125 and 150mm



Grundfix-Plus

- **For use in water containing human excrement**
- The grundfix has a double back pressure seal (one automatic motor driven operation stop and one manual operation)
- An optical and acoustic signal is shown on the electronic display in the event of a back flow
- A Battery is included incase of a power failure
- Motor from the car industrie
- Immersible
- In sizes 100, 125 and 150mm



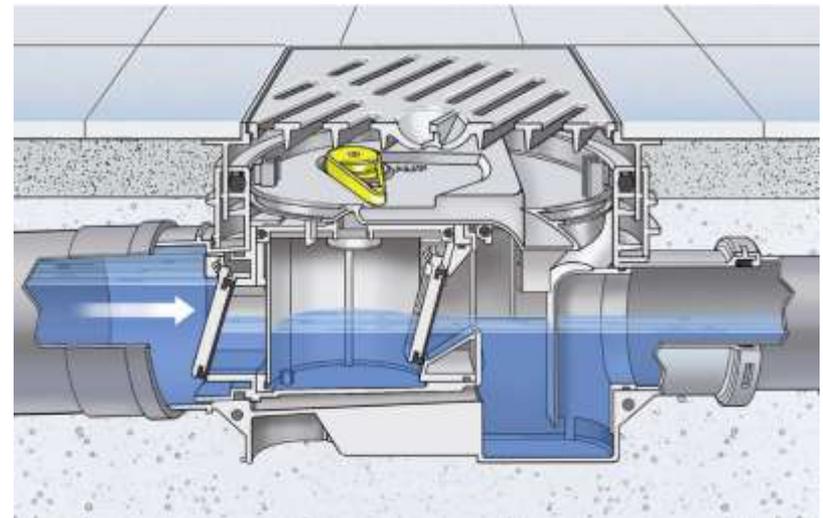
Sperrfix 3

- Single object protection
- With triple back pressure seal (two automatic operation stops and one manual operation)
- Comes complete with a wall mounting and service manual



Optifix 3

- Floor drain with 3-X Protection
- Drainage rate of 1,8 l/s
- Accessories and installation guide are enclosed in the package



- Back flow stoppers for the toilet drain
 - They have one automatic stopper and one hand lock
 - Only available in 100mm
 - Available in 22.5° ,45° ,90° and straight
 - Colour White



Viega– Drainage Technologies

Back Pressure Protection Systems

viega



Viega is committed to protecting our most precious resource, water, through innovation, reduced water waste and conservation.

The Ripple Effect Viega is ideal for Green Build and LEED® Certification projects. For over a century, Viega has been innovating safer and more efficient plumbing and heating solutions. The ripple effect is that Viega products help reduce water waste and energy usage, thus improving the quality of our environment and our lives. Plus, Viega products are easy to install – no flames or chemicals required – saving you valuable time and money while creating a safer work environment.

Viega – Quality Means Safety

viega



Viega – Quality Means Safety Worldwide Licences And Certification

viega

The image displays five overlapping certification documents, each representing a different international standard or organization:

- KB Društvo za opremljanje:** A document with a red and white logo, detailing product information and testing dates.
- ETA DANMARK:** A document with the European Union flag logo, providing technical specifications and marking information.
- DVGW:** A German document titled 'Zertifikat über ein Produkt' (Certificate for a Product), listing application areas, manufacturer details, and test reports.
- CSTB:** A French document from 'le futur de construction' (the future of construction) organization, detailing technical characteristics and conformity with standards.
- DET NORSKE VERITAS:** A large, formal 'TYPE APPROVAL CERTIFICATE' for a pipe system with couplings, including application details, test results, and official signatures.

Viega– Projects By Viega In India

viega



Hotel Gables

Viega– Projects By Viega In India

viega



Doshi Inc.

4-1-301 to 303,

2nd Floor,

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Hyderabad – 500 001. A.P. INDIA

Ph: 040 24760761

Mo: (+91) 9346412340

Email: info@doshiinc.com



THANKS!

