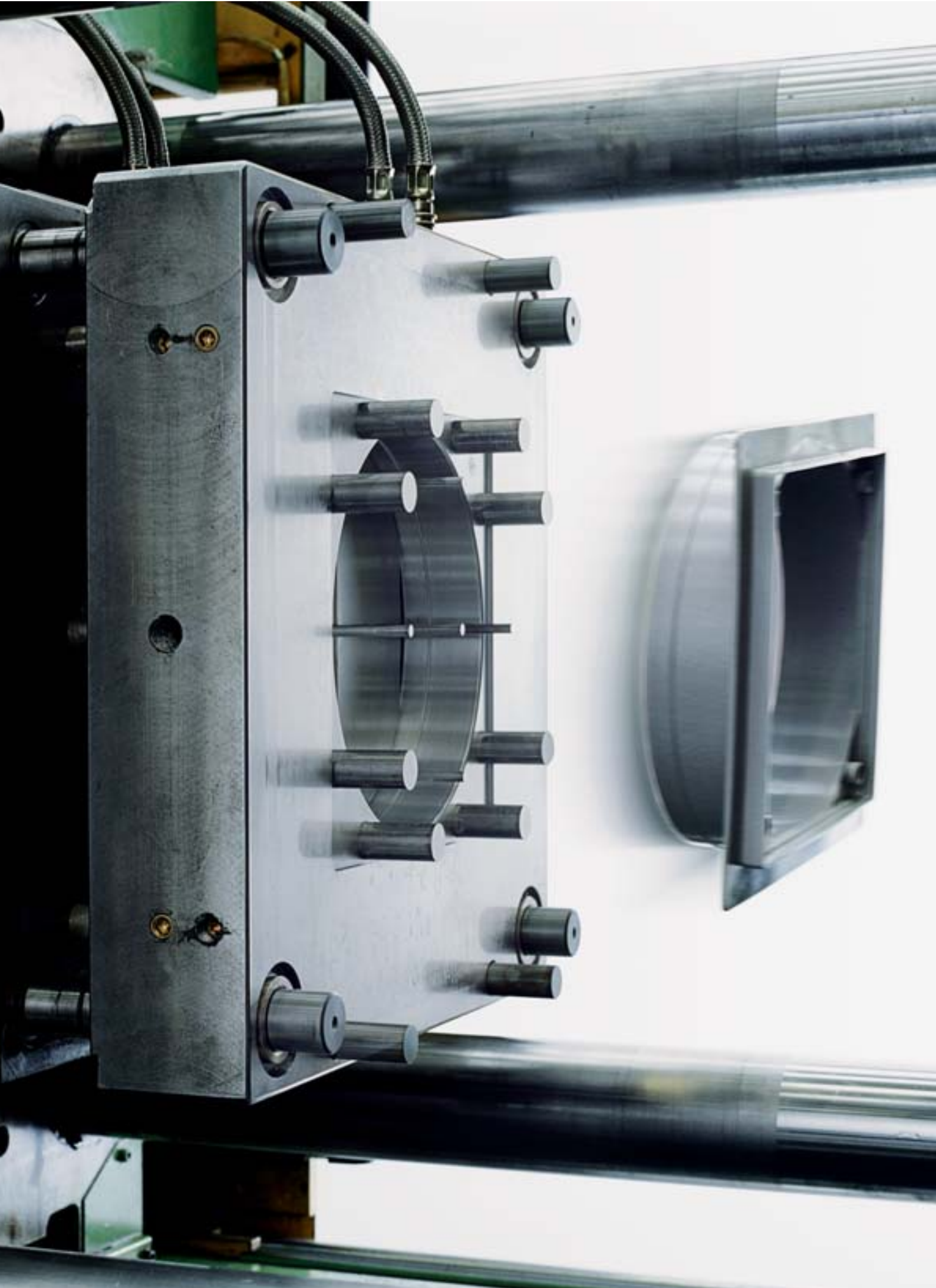


# Viega Advantix

Drainage technology for the floor.



**viega**





# Viega – a better idea!

## **Family tradition**

The name Viega stands for a family company which set high standards from the word go. Product quality, client proximity, reliable delivery and service performance – all these standards are imposed company-wide. One thing is for certain: you need more than a good idea to compile an international success story. Courage, delight in innovation and passion are that qualities that, for good reason, have shaped the company for 100 years.

## **Competence and variety**

There are now 16,000 products in Viega's portfolio. These products not only represent unique variety, they also represent excellent quality. The reason: Viega combines everything: highly skilled employees, the best raw materials, state-of-the-art production plants – and that is true in all five production plants in Germany and the USA.

## **Systematic and precise**

Viega not only has a permanent stock of drainage technology products. A total of over 16,000 items are available, being selected, coded, packaged and dispatched using an efficient logistics concept. The system is in place – as for everything at Viega. Not only are our processes integrated, but also our products. The best example is Advantix floor drainage technology, as featured here: the high-quality, perfectly planned modular system which ensures high drainage capacities and optimal security. True to our mantra: Viega. A better idea!





# Where a lot of water flows, it must also drain away well: Viega Advantix.

## Viega Advantix range

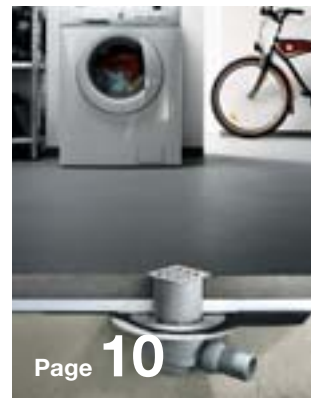
The well thought-out modular system proves how versatile draining technology can be and answers the everyday practical questions.



Page **6**

## Areas of application

The right technical solution for every area of application. From the private to the public bathroom.



Page **10**



## Fire protection

Highly modern technology which in the event of fire prevents it spreading to other floors: Advantix fire protection products.



Page **20**

## Sealing technology

Whether thin-bed or conventional sealing technology – Viega offers you the fitting solution for both methods.



Page **24**

## Visign shower channels and grates

Perfect design makes Viega drainage technology into an eyecatcher in every bathroom.



Page **28**

## Well combined: the Viega Advantix modular system.

# 1

### Covers and grates

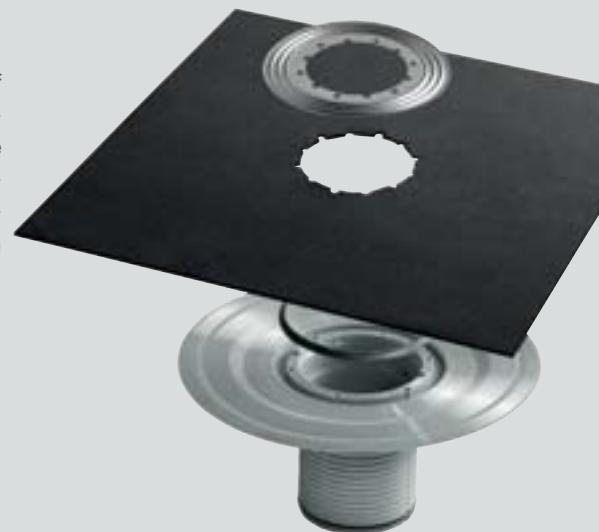
For Viega Advantix, covers are available in a number of different load categories. With a wide selection of designs, forms, materials and sizes, the grates guarantee complete design freedom with equally assured technical versatility. Models with slip-proof surfaces or vandal-proof screws round off the product range.



# 2

### Add-on elements and seals

The right seal for floor drainage gives ultimate protection. A full range of accessories guarantees secure integration of Viega drains with sealing systems. This applies for conventional sealing and highly reliable thin-bed technology. The add-on elements offer precision height-adjustability. Additionally, for some models the inlet grate can be eccentrically displaced by up to 15 mm. This significantly simplifies installation work for the tiler.



# 3

### Base plates

The Advantix base plates consist of high-quality polypropylene and are available in a wide range of nominal widths and construction heights. They are optionally fitted with horizontal or vertical drain supports and – as desired – a lateral inlet for other draining objects. Additionally, the versatile Advantix programme also includes models with or without odour traps as well as fire protection products with the right component for every drainage capacity.

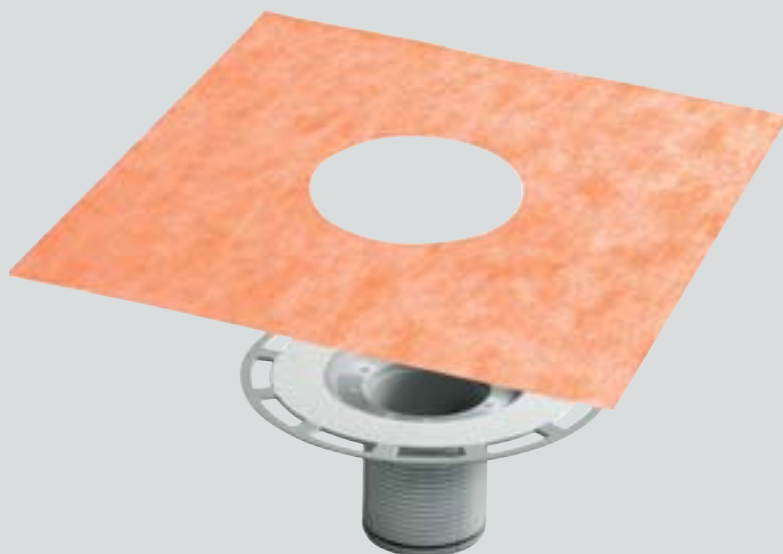
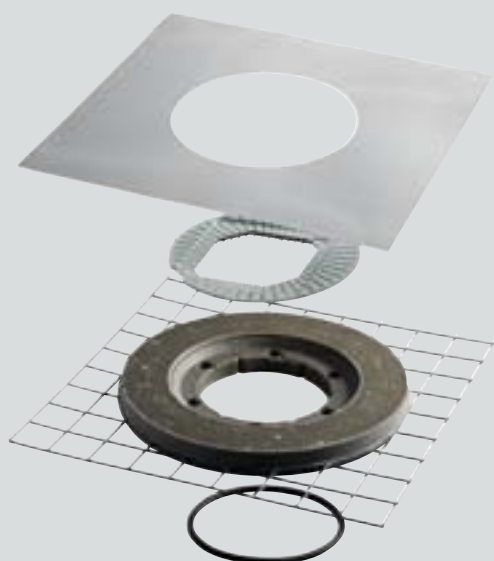




Viega Advantix is a fully integrated modular system for bathroom and floor drainage. Ideal for the design of barrier-free bathrooms or floor drains in public buildings and drainage of terraces,

roofs or cellars. With Viega Advantix, a secure solution is always achieved and meets all the standard regulations. This range allows the combination of a wide variety of different base plates, sealing

variations, covers and grates that are perfectly aligned for the application in question.



# Viega Advantix. One system, numerous possibilities.

Bathroom drains for small / medium drainage capacities



4960.30

4960.41

4971.10

4971.20

4971.41

4971.90

4972.30

4973.30



4933.3

4933.1

4928.2

4928.4

4976.11

4962.1

4962.3

4976.31



4934.2

4934.5

4934.7

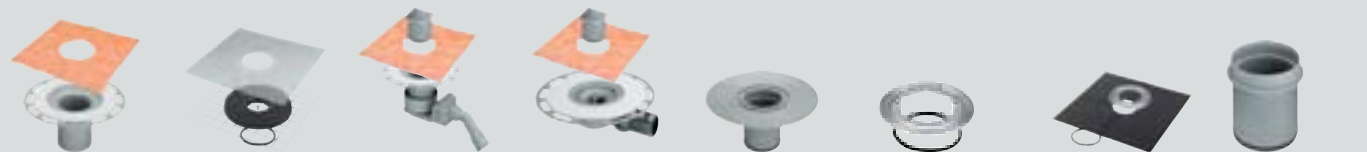
4949.1

4962

4936.6

4944.8

4945.1-356



4925

4924

4927

4939

4947.1

4948.21

4948.31

4947



4960.80

4972.80

4973.80

4926.5

4935.6

4921.3

4921.65

4921.75



4926

4935.1

4944.2

4944.21

4943.2

4943.21

4926.20

4923.5



Different components of the Advantix system all have one thing in common: their quality. Whilst “visible” components such as grates and covers offer

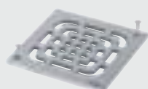
outstanding design and material diversity, “concealed” components impress with convincing and integrated technology. The products illustrated here only

display a selection from the extensive Advantix programme.

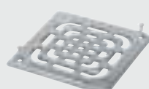
## Floor drains for high drainage capacities



4933.4



4933.2



4933.6



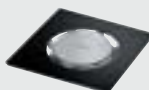
4933.61



4929.1



4929.3



4976.21



4963.2



4963.4



4976.41



4922.5



4922.6



4922.7



4933.7



4933.71



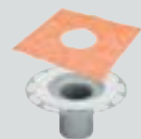
4922.8



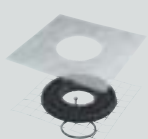
4949.3



4963



4994



4954



4996.1



4998.3



4996



4954.8



4951.1



4951.15



4955.1



4955.25



4955.15



4951.20

# 1

Covers and grates

# 2

Add-on elements and seals

# 3

Base plates



1

Viega shower channels are available in glass and stainless steel versions. They have an adjustable stainless steel frame and are available in lengths from 750 to 1200 mm.

2

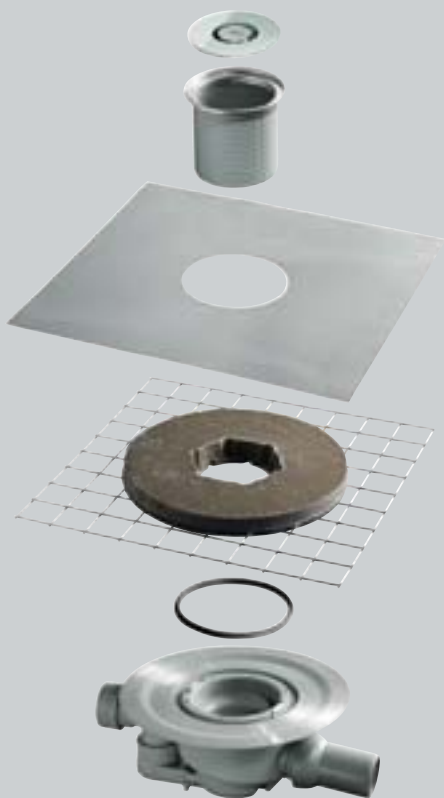
The height adjustment piece and the adjustable feet allow precision fitting of the shower channel. Sealing takes place using the especially secure thin-bed technique.

3

The maximum drainage capacity of the base plate is 0.7 l/s, the water seal head is at 50 mm. A rotatable drain support eases alignment with individual construction conditions.

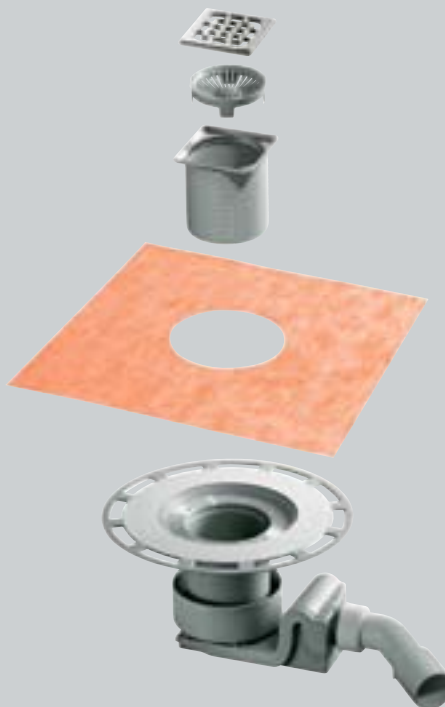
# Viega Advantix in the private bathroom. The basis for modern bathroom design.

Barrier-free bathrooms and floor level showers require a high performance drainage system. Advantix bathroom drains with a drainage capacity of up to 1.1 l/s for the discharge of small to medium amounts of water are an excellent choice in this case.



## The technology for barrier-free bathrooms

This drain combination distinguishes itself by its flow rate of 0.9 l/s. The base plate with horizontal drain has a lateral outlet, the DN 50 variation also has a movable ball joint. The thin-bed add-on element made of polymer concrete ensures a secure seal.



## For a minimal construction height

The solution with a lateral drainage bend, 50 mm water seal head and a construction height of at least 85 mm. The hair trap for easy cleaning can be also be retro-fitted.

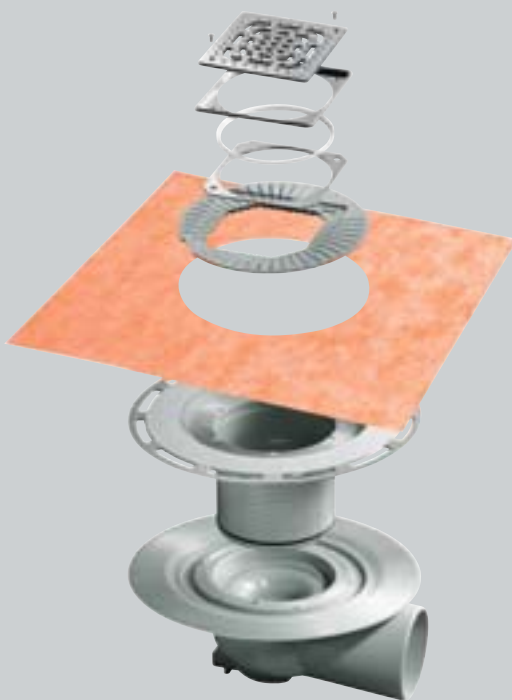


## The corner drain

The drain can be placed elegantly in the corner. The maximum drainage capacity is 0.7 l/s. Other advantages: the quick, safe assembly as well as a large selection of designs to choose from.

# Viega Advantix in the public domain. So that safety doesn't disappear down the drain.

In public facilities such as swimming baths as well as in the industrial sector, large amounts and constant water flows must be managed. Additionally, it is of paramount importance that all grates are slip-proof, secured against vandalism and resilient. Briefly, all the main requirements coincide with everything Viega offers – quality, safety and reliability.



## **Especially safe**

For higher quality in facilities with high public use: a base plate, which guarantees top drainage performance, combined with a slip-proof grate. The perfect combination for guaranteed additional safety in access areas.



## **Positioning outwith the access area**

With the Advantix corner drain, corner installation is possible. An optional semi-circular model is also available. The practical hair trap is also included in the scope of delivery.



## **Maximum fire protection**

Viega fire protection floor drains R 120 offer up to 1.61/s drainage capacity and meet all fire safety requirements for ceiling ducts.





1

Slip-proof grate made of solid stainless steel 1.4401. Securely fitted and therefore safe from vandals.

2

Sealing using a polymer concrete flange – for an especially resilient floor construction when under high demand.

3

Horizontal base plate with a high drainage capacity: 1.7 l/s at DN 100 the water head seal is 50 mm.



1

The grate and frame of the cover are made from weather-proof high-grade stainless steel. The design and shape can be freely selected from a variety of options.

2

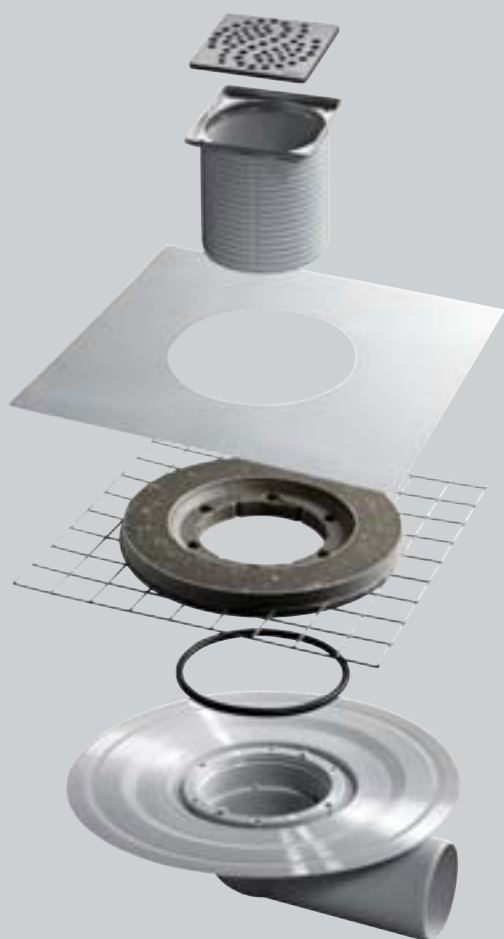
The sealing is completed by connection to a bitumen surface. Any water, which leaks through the joints and pebbles, can flow sideways into the drain via the pebble trap inlet element.

3

The base plate DN 100 has a horizontal outlet and a proven drainage capacity of up to 4.5 l/s.

# Good outlook for bad weather: Viega Advantix on the terrace.

Whenever it rains, without the right drainage technology it's not just wet outside. Advantix drains for balconies, terraces and roofs are built to deal with heavy rainfall. Their grates are resilient and more than meet standard requirements. An upgrade of the drains is also possible with an odour trap, without seal water.



## High security and resilience

The frame and design grates are made from durable high-grade stainless steel. The base plate has a vertical outlet. The thin-bed seal using a polymer concrete flange makes a secure and firm mounting possible.



## The drain for the roof area

The model with leaf collector is not designed for heat-insulated roof areas. The especially large sealing flange is fitted to ensure a conventional seal.



## Complete solution for balcony and terrace

Here, all components are combined in a single element. The seal is made using conventional technology or with additional thin-bed technology. Sealing systems such as the bitumen sealing sleeves are additionally available.



## The drainpipe

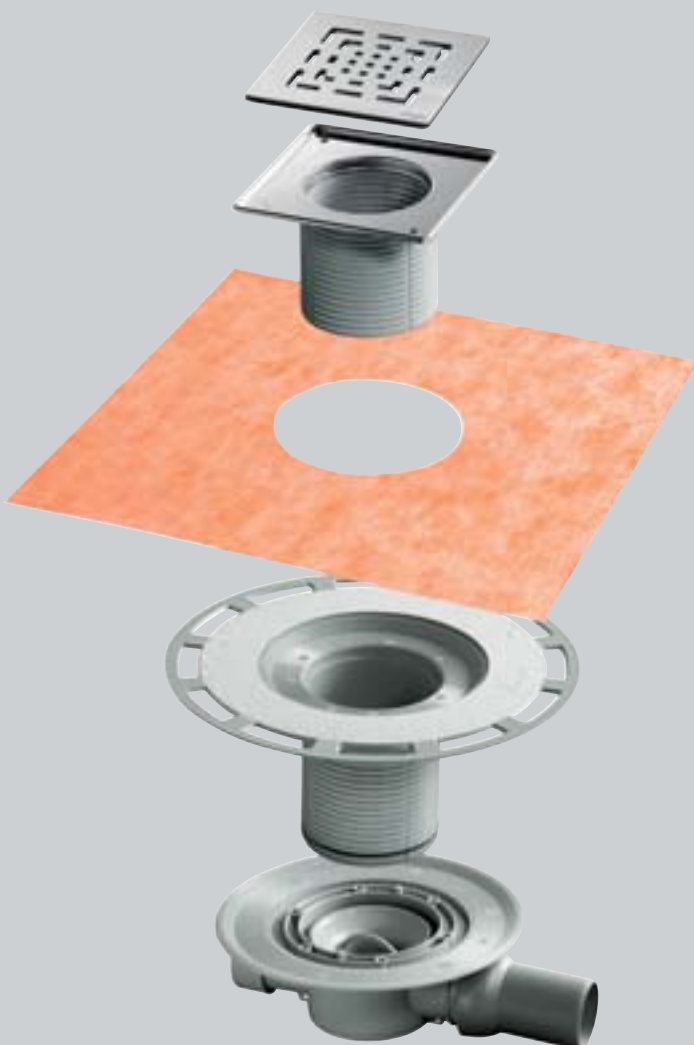
The right choice when drainpipes finish outside rooftop windows within a dwelling: the drain with odour trap and leaf collector offers a performance of max. 6 l/s. It is available in DN 100 and can be installed between the drainpipe and sewer.



## Viega Advantix for the cellar.

### The basis of every good drainage system.

In offices, utility rooms and cellars, water frequently is only present for short periods and in low quantities. High drainage capacities are not required. Depending on the type of use, it is even possible to dispense with additional seals. For Viega, there is naturally no reason to make savings on quality, even in the cellar.



#### **The solution for the bathroom in the cellar**

Here, the base plate is above the bitumen sealing surface. The thin-bed add-on element guarantees additional sealing beneath the tile.



#### **The complete drain**

This drain manages up to 0.9 l/s water and can be installed in the concrete floor. The seal is completed using conventional technology and can be expanded using thin-bed technology.



#### **Installation in the concrete floor without seal**

The so-called "Cellar master" is directly installed in the flooring. Special features also include the removable dirt trap as well as height-adjustable, rotating plastic grate.





1

Dimensionally stable and high-quality: high-grade stainless steel cover with simple high-grade stainless steel grate.

2

A clamping flange and bitumen sealing sleeve are used for the connection to the conventional seal.

3

The right choice for the cellar: the horizontal Advantix drain with 50 mm water seal.



1

High-grade stainless steel design grate as high-quality cover, with visual appeal all in one.

2

Sealing with the assistance the thin-bed technique. For extra safety with sealing flange and sealing sleeve.

3

Only 70 mm installation height: ultra-flat drain with odour trap. 30 mm seal water head, 0.5 l/s drainage capacity. Due to the single-piece design, no shortening of the accessories is necessary.

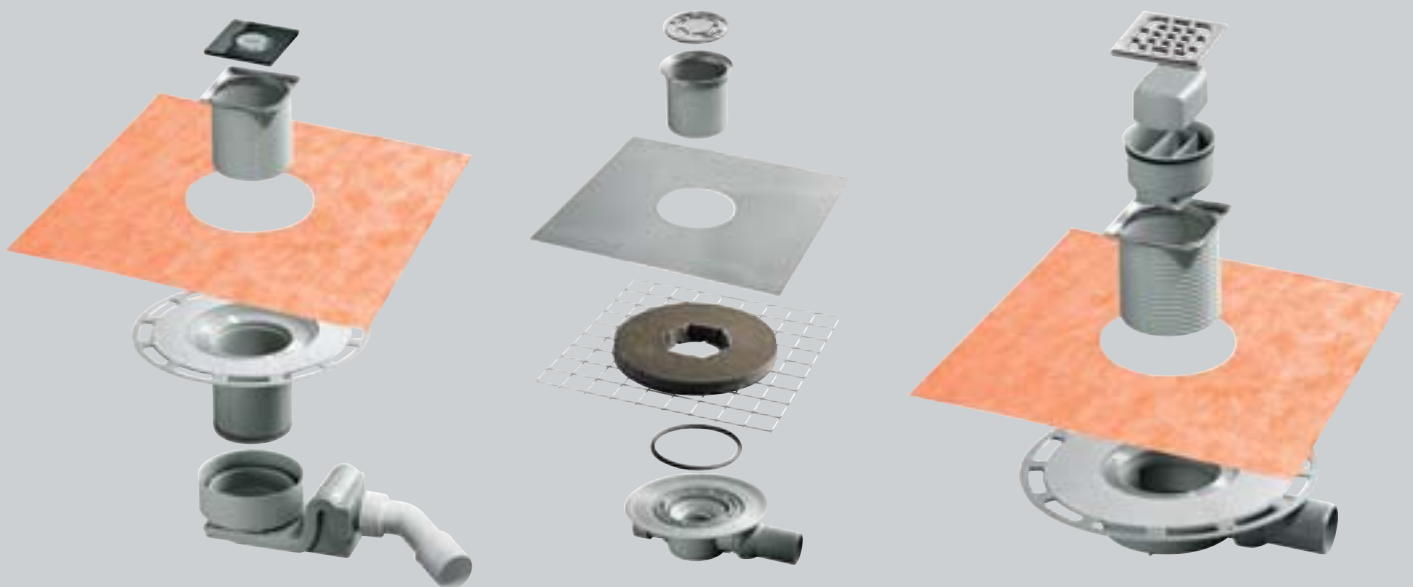
# Viega Advantix. For perfectly flowing renovation work.

Redevelopment of old buildings will in future account for 60 % of all building work. For this reason, Viega offers an ultra-flat bathroom drain for renovations. This can be installed e.g. in and on wooden structures or above the cement floor in the screed.



## Ultra-flat bathroom drain

This drain has a construction height of only 70 mm. The reinforcements on the edge of the flange guarantee an especially stable hold. An additional sealing flange facilitates absorption of liquid sealing materials.



## Lateral drainage bend

The illustrated model has a lateral drainage bend and odour trap with 50 mm sealing water head. The construction height is only 85 mm.

## High stability

The ideal solution when high stability is paramount: the combination of flat base plate and polymer concrete flange. Suitable for construction heights from 100 mm.

## Integrated odour trap

The odour trap is already integrated into this ultra-flat drain combination. It prevents unpleasant odours in the bathroom and can also be retro-fitted.



**Viega Advantix. Plan using  
perfect assembly and fire  
protection features.**







#### **Fire protection technology from Viega**

For all matters relating to fire protection, Viega focuses on uncompromising safety and absolute quality. Viega Advantix fire protection products R 120 therefore use state-of-the-art technology to prevent fire spreading throughout ceiling areas. In the event of a fire, a drainage pipe will melt and be dripped down within minutes. That's why Advantix fire protection products have an integrated fire protection element. This element contains an intumescent mass that swells up at temperatures above 150 °C and totally seals the exposed cross section in the floor duct.

Advantix fire protection products R 120 are easy, quick and safe to install. With a tested fire-retardant duration of up to 120 minutes, they meet all the regional building regulations and requirements and piping system guidelines (LAR/RbALei).

#### **Pipe installation duct R 120**

For fire-resistant ceiling ducts of shower tray drains or horizontal bathroom or floor drains, Viega has a unique solution: the pipe installation duct R 120. This also meets all requirements and regulations. Additionally, it is possible to install a horizontal drain at a later date. That means it can be exactly positioned below the shower or in the tile pattern.

**Viega Advantix fire protection drain R 120.**  
**Minimal handling, maximum safety.**





## How the fire-protection drain works:



After 4 minutes, ca. 460 °C:  
the plastic pipe becomes malleable.



After 8 minutes, ca. 625 °C:  
the pipe has melted, the swelling  
mass begins to fill the entire core  
drill hole.



After 25 minutes, ca. 800 °C:  
core drill hole and connection  
are totally shut off, the water trap  
is largely maintained.



### More safety, less work

In addition to maximum safety, the fire-protection drain R 120 has many practical advantages. Totally pre-assembled and only consisting of a single component, it can be installed without any tools and in no time at all. Thanks to a special clamping system, the drain simply attaches itself independently in the core drill hole. Plastering is no longer necessary and thus guarantees even more safety.

### Uncomplicated, suitable for on-site assembly

Installation of the fire-protection drain R 120 is installed in a few simple steps. After the core drilling, a second bore-hole is then made – ca. 20 mm deep into the floor. The concrete edge is then smoothed (1). Next: apply mortar to the smoothed ring and install the pre-assembled fire-protection drain (2). Make sure that the flange is flush to the floor. The mortar anchors ensure that the component is securely attached. Finally,

fill the installed drain with water (3). Caution: the odour trap only functions effectively if it is completely filled with water. Uncomplicated, suitable for on-site assembly

### Pipe-in-pipe technology

The fire-protection drain can also be installed with the aid of pipe-in-pipe technology. For this purpose, a PP- or PVC-Rohr is sealed in a duct typical for a building site into which the drain is installed later – as for a core boring. In the event of fire, the swelling mass also fills the space that emerges due to the melted pipe.

Viega thin-bed technology.





**The assembly of the thin-bed technology:**

**1** Remove protective foil

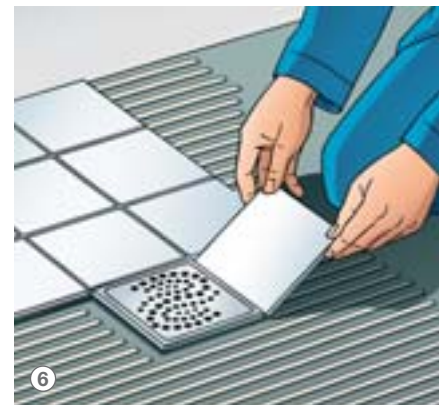
**2** Apply the first thin-bed insulation layer e.g. by rolling it on – at least 2 mm.

**3** Lay the Kerdi thin-bed sleeve in the still liquid thin-bed insulation.

**4** Apply the second thin-bed insulation layer after the setting time.

**5** After the seal has set, shorten the fixture, insert and apply tile adhesive.

**6** Lay tiles. Important: The leak opening must not be closed by sealant or tile adhesive.



**Thin-bed technique and its advantages**

Protecting building work from damp is now top priority and safe thin-bed technology is therefore increasingly popular, especially for floor level showers. The advantage of the process: the seal is secured between the screed and tile, thus preventing saturation of the screed. The use of liquid foil saves the need for additional seals, for example, with bitumen or plastic surfaces.

**Extra-safe installation**

When sealing, a secure transition is of paramount importance between the draining area and the screed. Viega therefore places special emphasis on extra safety measures. For example, the special reinforcement of the product

flange anchors the drain securely in the screed. Additionally, the sealing sleeve, which is already included in the delivery, makes the transition zone even safer. The sleeve is simply directly built in by the tiler into the liquid seal.

**Various Advantix add-on element**

Viega offers the right add-on element for every installation area. For heavily used commercial facilities e.g. the add-on elements are made of polymer concrete and these are extremely stable and secure, thanks to a cast-in steel grid – and additional fibre glass mat. Add-on elements made of plastic with their flat format are designed for installation in floor constructions with low construction heights, while ultra-flat models are especially suitable primarily for renovations.

## Conventional sealing.





#### Fitting the conventional seal:

**1** The dual-sided sealing sleeve (EPDM-layer on top, bitumen layer below) is placed over the drain and with the flange ring screwed on tightly.

**2** Connecting to a roof surface made of bitumen: roof membrane is welded (naked flame) and firmly connected via subsequent treading.

**3** Connection to an EPDM surface: EPDM-membrane is welded on using a hot air gun and then connected to sealing sleeve by rolling with a roller. A priming coat is not necessary.



#### Application areas of the conventional seal

With conventional technology, too, building elements such as ceilings, floors or also insulating materials can be permanently protected from damp. The sealing layer made of bitumen or EPDM used in this process are directly laid on the naked concrete or the heat insulation. In particular, this technology has proved efficient for the sealing of balconies, terraces, floor panels and cellar floors. Moreover, conventional sealing surfaces are also available as an additional, second seal layer beneath a seal fitted using the thin-bed technique.

#### Processing versions

Viega drains can be connected with a clamping ring and sealing sleeve either in bitumen or EPDM surfaces – with no risk of damage to the drain unit during welding or gluing work. The tried and tested technology of Viega components guarantees a secure transition between drain and sealing surface, regardless of which processing variation is used.

**The true beauty of technology:  
Viega Advantix and  
Viega Visign.**



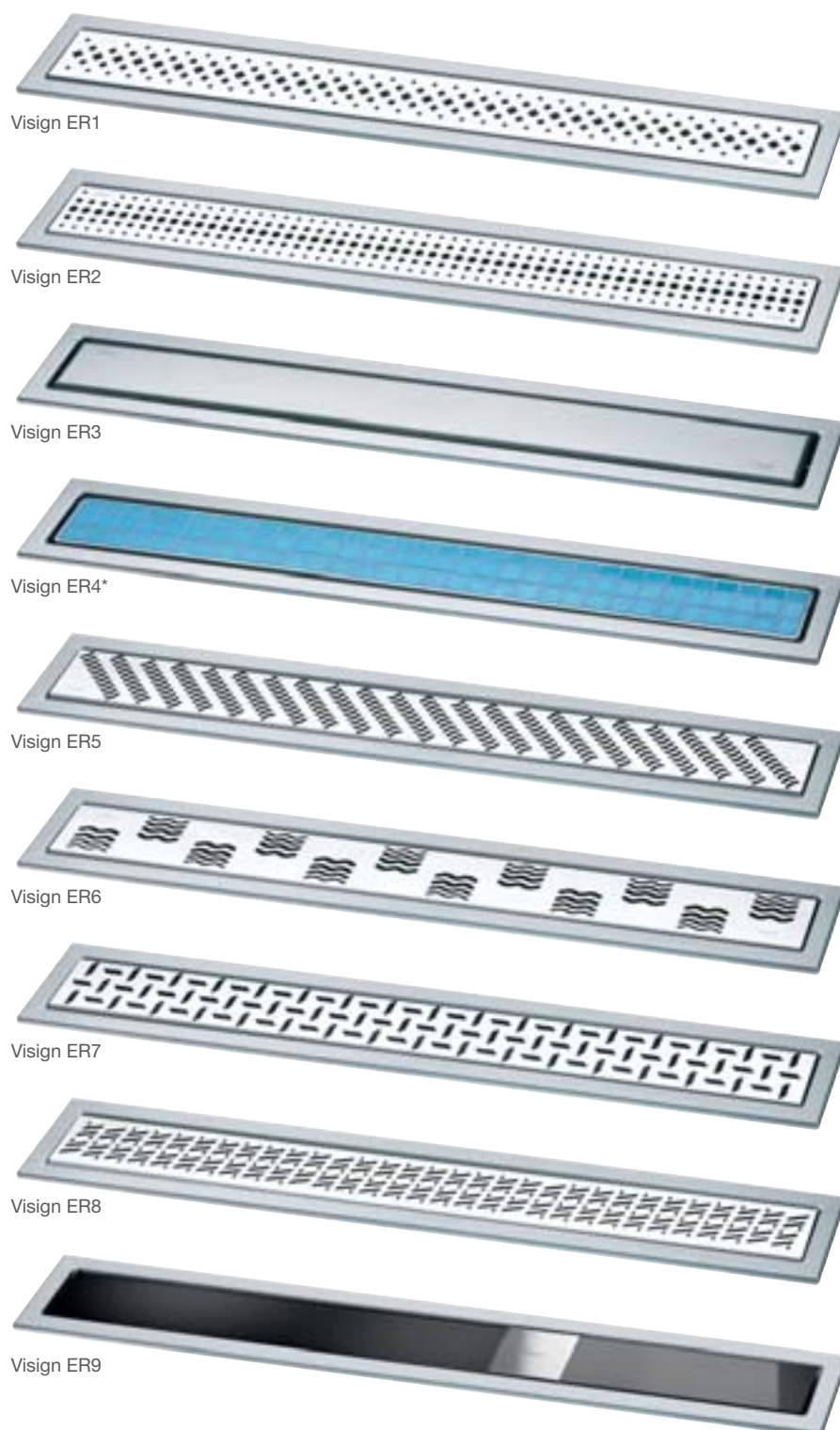




Of what value would superior technology be in modern bathrooms without the right design? Visign shower channels and grates by Viega perfectly round off the fully integrated Advantix modular system. The high-quality design solutions add that extra special touch amidst refined tiles and sophisticated tile back-splash. They turn any floor level shower into an attractive and eye-catching feature. The product range includes the most diverse shower channels, corner drains and grates that were already distinguished with several internationally recognized design awards.



# No need to conceal themselves: Visign-shower channels and shower grates.



## Visign shower channels

No matter whether it's a design jury, builder or specialist tradesman – Visign shower channels will convince everybody. With original design, high-quality materials and intelligent technology, they offer excellent quality in every sense. The channels and grates are made of high-grade stainless steel and can be combined with many other materials, e.g. floor covering or even glass.

## Visign grates

Square grates for straight-line architecture, round forms for bathrooms with rolling contours, corner drains and a range of different matching materials and perforations – with the high-end Visign grates by Viega made of high-grade stainless steel or in combination with glass: individual design creativity knows no limits.

Visign EA3



Visign EA17



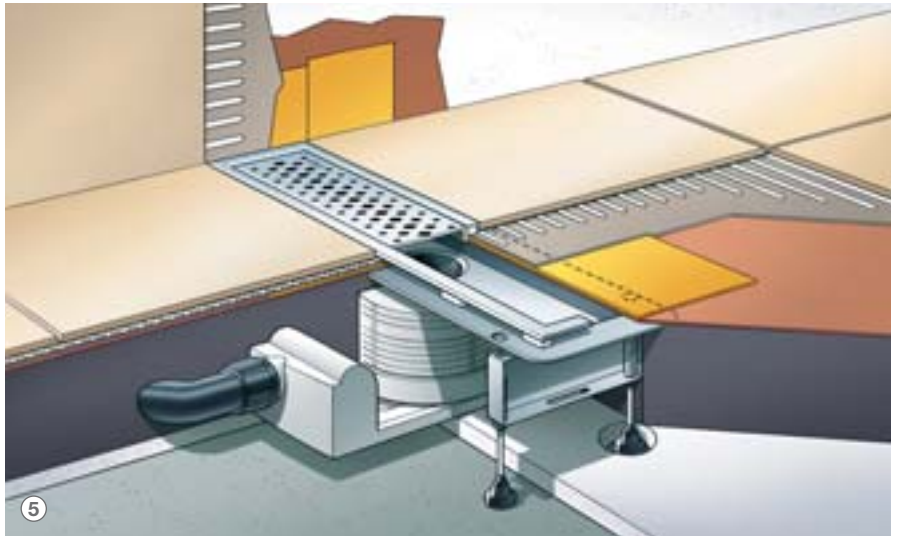
Visign RS12



Visign RS1



\*individually adaptable tile insert



### The assembly of the Viega shower channel

**1** Set the continuously adjustable foot to the required height.

**2** Place the liquid foil for the seal onto the sealing flange. The foil and the flange are included in the scope of delivery.

**3** Adjust the frame to be flush with the tile surface using the distance pieces included.

**4** Move the frame up to 5 mm from the centre, if necessary diagonally.

**5** The perfect result with fewer procedures: a perfectly adapted Viega shower channel.

### Fast, easy, flexible – installation

Viega shower channels are also eye-catching thanks to the ease of installation. With outstanding flexibility, they make easy work for the installation specialist. Moreover, as the shower channels can also be moved sideways, they can be exactly adjusted and aligned to the tiling surface with millimetre precision. Another advantage: the height-adjustable base plate of high-grade stainless steel also has an eccentrically adjustable drain.

Viega shower channels guarantee a supremely successful overall look. They facilitate a continuous, straight slope that is visible on the tiling with no unattractive diagonal cuts – and even with an extra-flat construction height of only at least 90 mm.



**red dot award**  
product design



**GOOD DESIGN**  
AWARD



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