Reference Book

Metal products for façades, courtyards, gardens and roofs!

Tailor-made to suit individual customer requirements

This brochure comprises a selection of reference projects that illustrates the broad range of products we offer.

From heavy-duty channels for driveways to raised beds for the garden and parapet coverings for the roof, all metal products available from the company Richard Brink are tailor-made to suit every customer specification, bringing out the character of each individual building down to the very last detail.

The custom-made products are not only created with function in mind but also reflect our passion for design, which is accentuated further through the use of high-quality, low-maintenance materials.

We hope you enjoy looking through our reference book.

Best wishes
Richard Brink

Reference projects

Drainage and dewatering systems from page 4

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Roof and wall systems from page 102

Find out more about this reference project at:
www.richard-brink.de/messehalle-3c

The linear design of the south-west façade of Hall 3C gives way to a sweeping curve which wraps around the building, merging into the tilted south-east front. The channel system traces the contours of the façade.

Messehalle 3C Nuremberg

When an exhibition space becomes the exhibit itself – this is a perfect way of describing the new Messehalle 3C exhibition hall that forms part of the NürnbergMesse. Tailor-made channels from Richard Brink together with powder-coated longitudinal bar gratings accentuate the black-and-grey design of the façade.

The integration of soft curves in the tinted glass façade and the building's partially exposed steel construction are what gives this new build its charm.

To reflect the hall's architecture, 117 metres of Cubo dewatering channels with an inlet width of 145mm and height of 250mm as well as six additional channels of the same kind produced in a radial format were installed.

The channel system is topped with specially created 20 x 5mm longitudinal bar gratings made from hot-dip galvanised steel with a powder coating in RAL 7021 black grey.

The colour composition of the hall in shades of black and grey is intensified through the reflection of the sky in the glass panels. In keeping with the building's colour scheme, the gratings were also coated in black grey. This reference project is a fantastic example of the individual scope for design offered by Richard Brink products that goes far beyond dimensional accuracy.

Friday Harbour Lake Simcoe

With the Hydra Linearis longitudinal bar gratings, the residential district beside Lake Simcoe in Ontario, Canada, has opted for design and brand quality "Made in Germany".

The residential and leisure area with adjoining water sports harbour, golf course and plenty of other recreational activities impresses with its eye-catching and environmentally-conscious architecture.

The high-quality products from Richard Brink fit in well with the sustainable approach to the complex. They stand out not only with their materials, e.g. the use of stainless steel, but also with their durable design.

Another advantage for the planners was the coherent design of the gratings for all of the areas to be covered. Whether channel covers, gully gratings or tree guards – the company Richard Brink provided everything in the same design.

In the complex's first phase of construction alone, 185 metres of channel covers, 76 gully gratings and 39 tree guards were installed, all identical in design.

Tree guards from the Hydra Linearis range perfectly round off the harmonious design of all the areas featuring gratings. On the terraces, they create a beautiful contrast to the plastered and grassy sections of the seating areas found outside cafes and restaurants.

Wide, sloping ramps with dewatering systems integrated at the bottom to quickly channel away precipitation connect the promenade to the protruding jetties.

Find out more about this reference project at:
www.richard-brink.de/karl-friedrich

Westliche *Karl-Friedrich-Straße* Pforzheim

Spacious, inviting and fully accessible – that was the brief when redesigning Westliche Karl-Friedrich-Strasse, a street in Pforzheim. A combination of Fortis concrete channels and heavy-duty slotted attachments from Richard Brink fit perfectly with this concept, ensuring subtle linear drainage.

A total of 441 metres of Fortis concrete channels for load class D 400 were installed along Westliche Karl-Friedrich-Strasse, covered with heavy-duty slotted attachments made from stainless steel.

In order to ensure easy cleaning of the subtle dewatering system, 42 made-to-measure drainage units and 42 flush boxes were produced. These are sealed using plastered inlays filled with the same flooring material found in the surrounding area, i.e. concrete paving.

The concrete flooring is also found in other forms, for example as paving slabs and 1 x 1m large-format concrete slabs to delineate different areas of the pedestrian zone, e.g. gastronomy areas.

Together with the glossy stainless steel drainage slots, the dewatering system makes for an appealing aesthetic.

Open space in the city – this concept was perfectly implemented in the pedestrian zone of Westliche Karl-Friedrich-Strasse. Large-scale street furniture such as organically shaped seating areas invite passers-by to sit and relax. The drainage system incorporated into these areas is practically invisible and underscores the need not only for accessibility but also for a tidy, open appearance.

Find out more about this reference project at:
www.richard-brink.de/brunnenanlage

Fountain Regensburg

The redesigned Ernst-Reuter-Platz features a new dry deck fountain incorporated at ground level. Tailor-made heavy-duty slotted channels, some of which with extra-wide slots, frame the edge of the fountain.

The fountain's reflective surface created by the constant film of water gives the impression of a body of water thanks to the individual water jets splashing down.

To make sure the water is contained within the fountain, slot drainage channels border the entire area. The channels made by Richard Brink are produced as heavy-duty channels based on load class D 400 and can therefore take the weight of all kinds of vehicles, from street cleaners to rubbish collection trucks.

The flush boxes situated at each corner featuring plastered stone inlays allow the slotted channels to be cleaned quickly and easily.

Whether day or night, the dry deck fountain enhances the look of Ernst-Reuter-Platz and appeals to both young and old. In the evening and at night, the fountain's light display adds an extra special touch to the pretty water spectacle.

Find out more about this reference project at:
www.richard-brink.de/haus-detmold

Inspection channels connect the drainage channels found in front of each flat door to the dewatering solutions integrated along the access balconies. Made with the slab dimensions in mind, the inspection channels are easy to open and close using the slab cover. The images below show an open inspection channel leading from the door to the balcony drainage solution.

Block of flats Detmold

Social housing never looked so good – this building is a shining example that this kind of project does not have to be in any way inferior to other forms of housing. The company Richard Brink was responsible for the dewatering systems installed along the access balconies.

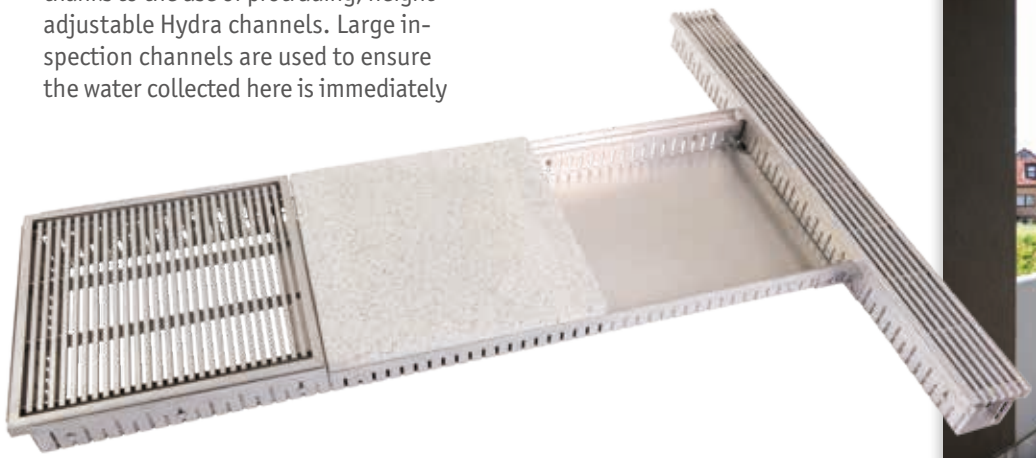
Situated on a slope, the property was designed with the site's topography in mind. Terrace-like sections and balconies connected via the two stairwells and a wide set of outdoor steps give residents quick access to each floor.

In particular, the partially covered areas along the access balconies were fitted with inspection and drainage channels.

The combination of dewatering solutions makes sure any precipitation is drained away quickly. The entrances to each individual flat are fully drained thanks to the use of protruding, height-adjustable Hydra channels. Large inspection channels are used to ensure the water collected here is immediately redirected into the main dewatering channel running along each access balcony.

Once installed, they are then covered with the same slab material as the surrounding flooring and therefore go practically unnoticed.

The example below shows an inspection channel that has already been attached to a Hydra drainage channel. Just like the drainage channel, the inspection channel is also height-adjustable and can therefore be adapted to match the height of the surrounding flooring perfectly.



Both on the terrace areas and along the access balconies, specifically in front of every stairwell and flat access point, Stabile and Hydra channels take care of efficient dewatering. The channels are covered with robust mesh gratings made of hot-dip galvanised steel.

Picking up on the topography of the site, the length of the building extends downwards along the slope. The access balconies have a rather Mediterranean flair and are also a place where neighbours meet and speak to each another.

Kronen Vanløse Copenhagen

Stabile Air – the perfect system for façade and area drainage in the modern, rooftop residential quarter found above a shopping centre in Copenhagen's city centre.

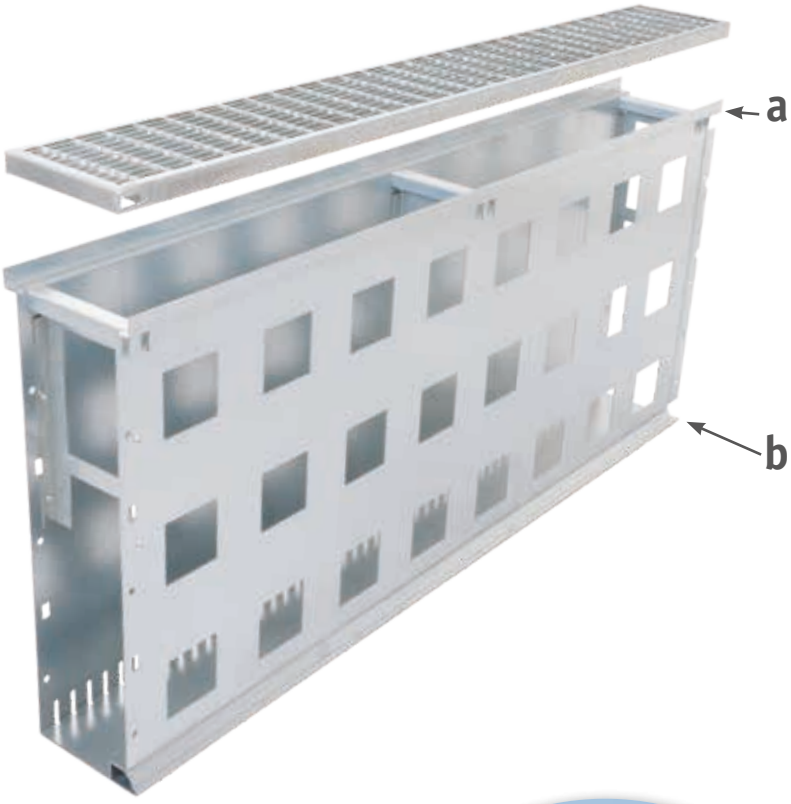
The Kronen Vanløse shopping centre represents a completely new concept of living in the ever denser urban environment: the connection of a large shopping centre with an entire apartment complex on the roof is both innovative and forward-thinking.

The parterre-like roof surfaces of the shopping centre, which support a wood-framed, four-storey apartment complex, require special drainage technology.

To protect the base areas of the wooden buildings, 870 metres of custom-made rear-ventilated Stabile Air façade channels were installed. The hot-dip galvanised channels facing the façade have large ventilation openings that prevent water from pooling and ensure the constant drying of the insulated base areas of the buildings. You can also find an example of a custom-made channel body featuring three rows of ventilation openings on the opposite page.

All of the façade sections of the apartment buildings directly adjoin the paved surfaces and need protection from falling precipitation on the closed floor spaces.

These include the entrance areas of the apartments and terraces as well as the public footpath on the roof of the Kronen shopping centre.



High in the sky – custom-made 470 mm high façade channels accompany the buildings on the shopping centre rooftop. The 15 mm protruding supporting base for the gratings **a** and the channel bases **b** – also installed with 15 mm of space – ensure a consistent distance from the base areas of the apartment buildings.

Like a plateau, the apartment buildings crown the Kronen shopping centre and provide excellent views over the surrounding Vanløse quarter of the city. Open-air steps on two sides of the complex and lifts inside the shopping centre provide access up to the residential quarter.

Ludwig Erhard Centre Fürth

Past and present in one building complex. The new build, which is dedicated to the city's most famous son, was equipped with designer drainage systems from Richard Brink.

Despite being intentionally designed as a linear new build to contrast the cityscape of Fürth in Germany, the Ludwig Erhard Centre blends in perfectly with its historical surroundings thanks to its sandstone-coloured façade.

The windows of the upper floor provide views over the rooftops of neighbouring buildings, one of which is the childhood home of the former West German Chancellor.

A total of 30 metres of custom-made Fultura channels that had been adapted to the installation space were fitted on the balconies and terraces of the building. With inlet widths of 100 mm, 160 mm and 260 mm, the channels can be raised from a height of 115 mm to 170 mm and from 165 mm to 220 mm thanks to their stilt supports.

The 7 × 7 mm support rods of the stainless steel longitudinal bar gratings on the upper floor gleam in the sunlight under the open sky of the inner courtyard.

Both at the glass façades of the atrium-like inner courtyard (left) or the loggia on the upper floor (background image) of the Ludwig Erhard Centre, the custom-made drainage systems ensure adequate redirection of falling precipitation. In addition to their practical function, the gratings have a design that enhances the look of each section of the building in which they are installed.

Tirol Lodge Ellmau

Rear-ventilated Stabile Air façade drains protect the wood façade of this contemporary hiking and sports hotel in Austria's Brixental.

Modern yet traditional – this sums up the design of the new building complex in the Wilder Kaiser-Brixental ski area.

This look was achieved through a modern and ecological timber construction that uses local spruce and larch.
Custom-made, rear-ventilated Stabile Air façade channels were installed to protect the wood and insulation materials from the effects of moisture caused by rain and snow, also at the building's ground connections.

The design of the channels enables large quantities of water to be directed away through the series of drainage slits in the bottom of the channel and also makes sure that the construction's base areas are well ventilated thanks to the openings on the wall connection sides.

Robust mesh gratings made of hot-dip galvanised steel cover the channels found along the heavily frequented entrance areas of the main building as well as all the secondary structures including the pool building.

The angled entrance areas and glazed front of the main building are framed with custom-made channels and gratings.

Dorint Hotel Oberursel

A design classic: the Hydra Linearis longitudinal bar grating covers all dewatering systems from heavy-duty to radial facade channels.

This reference property in Oberursel outside Frankfurt in Germany not only reveals the wide range of standard products we have to offer, but also showcases our flexibility when it comes to custom products.

The widths and depths of the window and door reveals were carefully considered and manufactured to fit

the structure perfectly. This meant that none of the featured dewatering solutions had to be customised or cut to size on site.

The Dorint Hotel Oberursel certainly catches the eye with a contemporary appearance that manages to evoke the historical splendour of times gone by. It is hard to believe that the building as it stands today is in fact a reconstruction of a former structure that had lost its lustre over the years.

The Hydra Linearis longitudinal bar gratings provide impressive linear dewatering in door thresholds and facades as well as dewatering for terraces, courtyards and stairs.

These gleaming gratings also accentuate garden features and create contrasts between natural stone, grassy areas and gravel.

Learn more about this reference project at:
www.richard-brink.de/flora

Flora Cologne

State-of-the-art construction garbed in history: the Flora in Cologne brings its history to life and is adding even more space for a wide range of modern-day uses.

The base of the Flora in Cologne was expanded over the course of renovation work to become a full-capacity floor within the building. As a result, parts of the forecourt became roof areas that required sophisticated dewatering technology.

Stabile drainage and dewatering channels were used to facilitate the fastest possible dewatering for the landing, which is completely paved.

In addition to the channel systems with grated coverings, discreet slotted channels are also used that provide reliable dewatering of precipitation in front of the steps leading to the base of the building.

The entrances to the building on the ground floor and the roof terrace access point were all fitted with drainage or dewatering channels. The channels prove a consistently elegant solution for both historical and modern facade elements.

Even the roof drainage is diverted in part through the dewatering channels featured on the base floor. Direct lines run to the main dewatering channel along the landing.

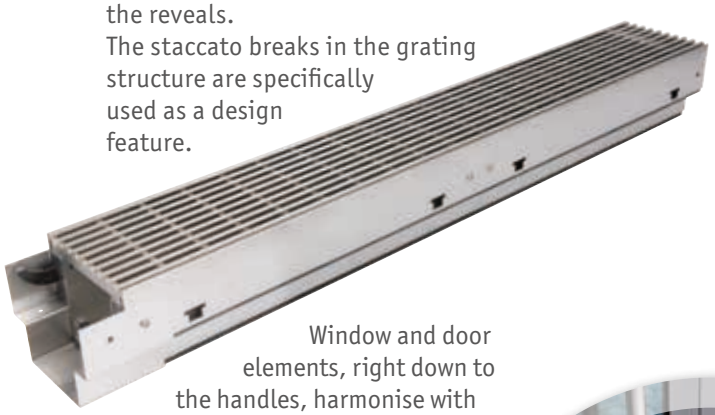
Learn more about this reference project at:
www.richard-brink.de/museum-lueneburg

The original 19th century museum building was extended to include sections from the 1970s and the 21st century. The Staccato longitudinal bar gratings border the entrances of the new building, which strikes a rich contrast with the historical structure.

New Museum Lüneburg

"More than just drainage" precisely sums up the channel and grating selection found in this construction project. After all, the oversized Staccato longitudinal bar gratings lend a special look to the entrance areas besides being functional.

All of the dewatering channels and gratings used at the window and door reveals were made to measure. By contrast, the dewatering systems on the large terrace in the western section of the building were manufactured to go beyond the depth of the reveals.
The staccato breaks in the grating structure are specifically used as a design feature.



Window and door elements, right down to the handles, harmonise with the stainless steel gratings and create an inviting reception.

Old and new facade sections border one other in the inner courtyard, illustrating the building's history.

The large terrace area on the western side that forms part of the new building invites visitors to take in the surroundings and provides additional seating for the museum café in good weather. Designer gratings that extend beyond the depth of the reveals are also used here.

Learn more about this reference project at:
www.richard-brink.de/kaufhaus-tyrol

The drainage channels featuring 20×3 mm stainless steel longitudinal bar gratings run along the parapet coverings.

Kaufhaus Tyrol Innsbruck

Kaufhaus Tyrol shopping centre in the heart of Innsbruck boasts more than just exclusive shops; it also has an exclusive roof! The roof areas, covered in white concrete slabs, are bordered by 20×3 mm stainless steel longitudinal bar gratings.

The roofscape of Kaufhaus Tyrol shopping centre is divided into 16 different areas measuring from 20 to 2,300 square metres, all of which feature Stabile drainage channels.

The result is a roofscape that is functional and also aesthetically pleasing. Even the custom-made channels on the roof are fitted with designer gratings.

The 20×3 mm stainless steel longitudinal bar gratings harmonise especially well with the strictly delineated facades of this building complex, an impressive piece of architecture shaped by a clean, straight-lined concept.

Breathtaking views can be enjoyed from Kaufhaus Tyrol's roof. The contrast between the Alpine backdrop and the mix of historical and modern buildings in the foreground makes for a spectacular vista.

Learn more about this reference project at:
www.richard-brink.de/sparkasse-hilden

Different facade sections, whether round or straight, are all edged with custom-made channels and gratings.

Sparkasse Hilden

When it comes to the accessibility of public buildings, level entrances are increasing in popularity. Perforated gratings with flat surfaces clear the way far beyond the necessary dewatering solutions for entrance areas.

The perforated yet homogeneous surface also adds to the design concept of this building and underscores the high quality of its finish.

One of the reasons for turning to Richard Brink products was the ability to manufacture all channel bodies and gratings according to customer specification. From custom lengths and different inlet widths to corner designs and the rounded outlines of the building, this project showcases flexibility for the designer and building owner as well as a high level of measurement accuracy and perfection.

A total of 150 metres of height-adjustable Hydra drainage channels with gratings were installed here, facilitating barrier-free access to the building for visitors, suppliers and employees besides targeted drainage of precipitation.

The level look of the perforated gratings discreetly harmonises with the building's large-format glass facades. The gratings are also easy to clean and prevent the excessive build-up of dirt and rubbish in the channels.

Learn more about this reference project at:
www.richard-brink.de/volksbank-gifhorn

Volksbank Gifhorn

The Volksbank building stands out for its design, which combines a classic gabled shape in keeping with the town centre's existing architecture with large-format window facades. Stainless steel dewatering channels ensure proper dewatering of the facade sections.

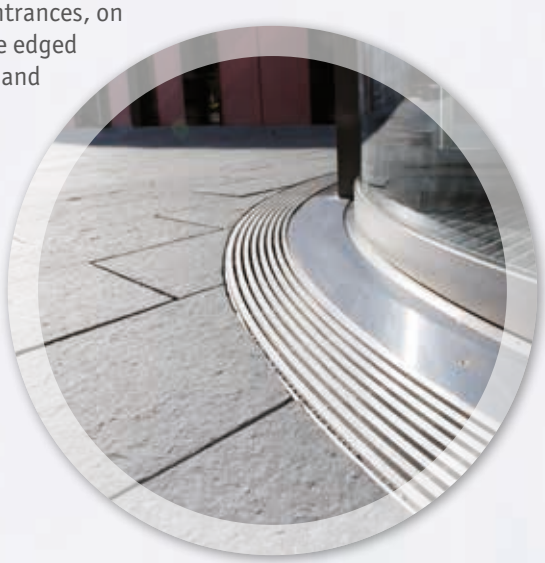
Over 100 metres of Cubo and Stabile drainage channels – fitted with Hydra Linearis longitudinal bar gratings, winner of the Red Dot Design Award – surround the facades and entrance areas.

The custom-made channels and gratings match the depths and widths of the window and door reveals, continuing the lines of the facade grid.

This linear design is interrupted by radial entrance areas inside a glass-housed rotunda in the centre of the building complex.
The circular entrance area of a revolving door was also bordered by Stabile channels, as was the light swing of an automatic sliding door on the opposite side of the building.
Radial Hydra Linearis longitudinal bar gratings round off the overall look in the truest sense of the word.

The facade channels and designer gratings within the window and door reveals were custom-made for an exact fit.

Straight drainage channels border window reveals and windowless facade fronts alike. The entrances, on the other hand, are edged by radial channels and gratings.

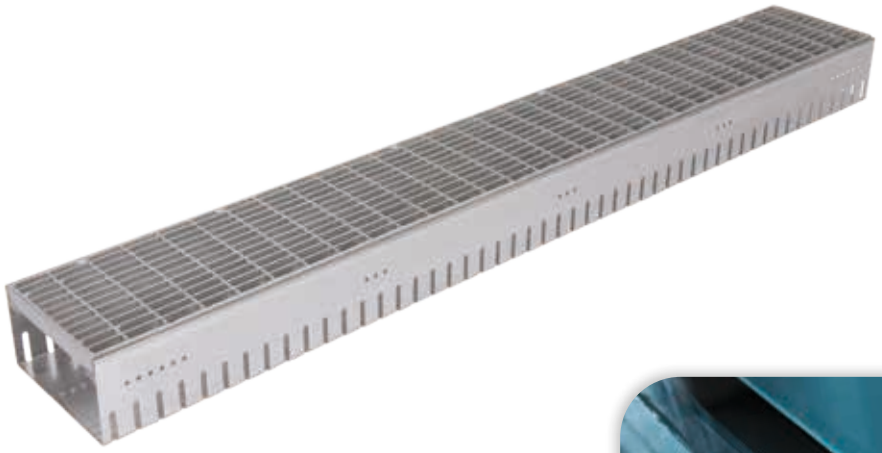


Learn more about this reference project at:
www.richard-brink.de/riva

Riva Dortmund

Water plays a central role in this project. The building, which is named after an Italian yacht, is situated right on the banks of the man-made

The drainage channels and mesh gratings are custom-made to fit the width and depth of the reveals and border all of the floor-level windows and doors that form part of the inner courtyard.



The drainage channels from Richard Brink used in this project incorporate height-adjustable Hydra channels and custom-made Cubo channels.

These channels are covered with stainless steel mesh gratings, which underscore the timeless elegance of the building and pick up on the delicately outlined look of the facades.

An eight metre tall ginkgo tree was planted in the 72 m², slightly funnel-shaped inner courtyard and is watered by a large seepage area in the centre. The water from the facade channels and courtyard surface is also directed towards the tree.

Custom-made Cubo drainage channels were covered with precisely fitting gratings to pick up on the visual effect created by the stainless steel mesh gratings found along the facades and also reflect this in the centre of the inner courtyard.

Learn more about this reference project at:
www.richard-brink.de/haus-phoenix-see

The window facades of the upper roof terrace, which offers gorgeous views over Phoenix Lake, were fitted with Fultura drainage channels.

House on Phoenix Lake Dortmund

The mix of clinker bricks, steel, timber, exposed concrete and glass is rounded off with Fultura drainage channels and Hydra Linearis gratings. The gratings, which won the Red Dot Design Award, create a striking contrast in the interplay of these materials.

Due to its position on a slope and the steep surrounding topography, this three-storey building is more prone to precipitation. The terraces in the parterre in particular, which stretch out next to the house over two levels, needed an effective dewatering solution.

The height of the Fultura channel, which rests on support pads, can be easily adjusted thanks to its screw-on feet and makes quick work of altering the channel in line with the terrace and balcony surfaces.

Facade channels border the window facades on all levels, whether on the roof terrace of the top floor, the two balconies or on the terraces on the two levels built into the hillside.

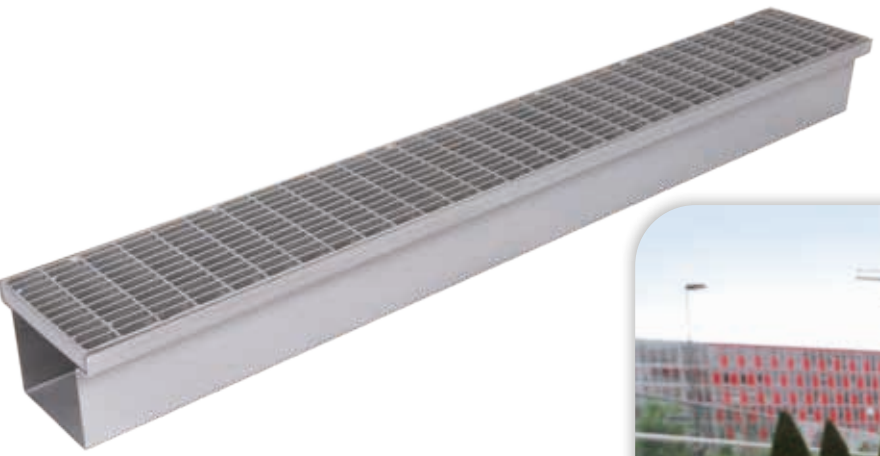
Even the heavy-duty channels in the courtyard with their matching Hydra Linearis heavy-duty channels were manufactured as custom products for this construction project and installed in the property's courtyard.

Learn more about this reference project at:
www.richard-brink.de/hafen-office-sign

Sign office tower Düsseldorf

Custom Stabile facade channels with an inlet width of 50 cm provide drainage for the 19-storey, partially 'scale-like' glass facade in Düsseldorf's MedienHafen.

The landing-like entrance area in front of the Sign building is connected to the public area leading right to the pavement by a few outdoor steps. The facade channels follow the rise of the steps, thereby ensuring continuous dewatering.



Large-scale dewatering channels with multiple run-offs were needed to safely direct large amounts of precipitation from the 76-metre-tall glass facade of the Sign office tower in the MedienHafen.

Both the straight and round outlines of the building had to be edged with custom-made facade channels. In

Düsseldorf's MedienHafen combines the past with the present to produce a striking overall image. Free space for creative minds is reflected in the generous outdoor areas of this quarter, where the trendsetters work and live.

Learn more about this reference project at:
www.richard-brink.de/q-west

The impressive architecture of Q-West, which considers functionality and design in equal measure, makes it a building for all ages. Barrier-free access – something that must be considered even when choosing dewatering solutions – plays a key role here.

Q-West Innsbruck

Multifunctional buildings look to the future – Q-West combines a shopping centre on the lower floors with an urban gym upstairs. The entrance areas and the

A total of 260 metres of Stabile drainage channels were laid and then covered with hot-dip galvanised steel mesh gratings.

This simple, functional dewatering solution is perfect for heavily frequented areas. The robust gratings and the adjacent asphalt also form an interesting contrast to the white architecture of this ultra-modern building.

Tidy, practical and robust: these three words perfectly describe the effect of the hot-dip galvanised channels and mesh gratings. The choice of material and the products made from it showcase the building's top-quality architecture.

Learn more about this reference project at:
www.richard-brink.de/hansemuseum

The monolithic character of the building is reminiscent of the medieval city walls that once ran along the foot of the castle hill.
Jagged, irregular bricks on the facade add to the historic appearance.

European Hansemuseum Lübeck

The new museum building, which follows the former city wall at the foot of the castle hill, needed a dewatering solution that would hardly be noticed. The custom-made slotted channels are discreet yet

The Lamina slotted channels edge the inside of the colonnades opposite the museum entrance, which is located at the centre of the building in the middle of the steps leading up the castle hill.

The channels run along all sections

The slotted channels discreetly sneak along the rough stone brick walls. This hardly noticeable drainage solution keeps the spotlight on the impressive, surrounding brick. Even the collar heights of the slotted channels were custom-made to fit the installation height of the brick floor.

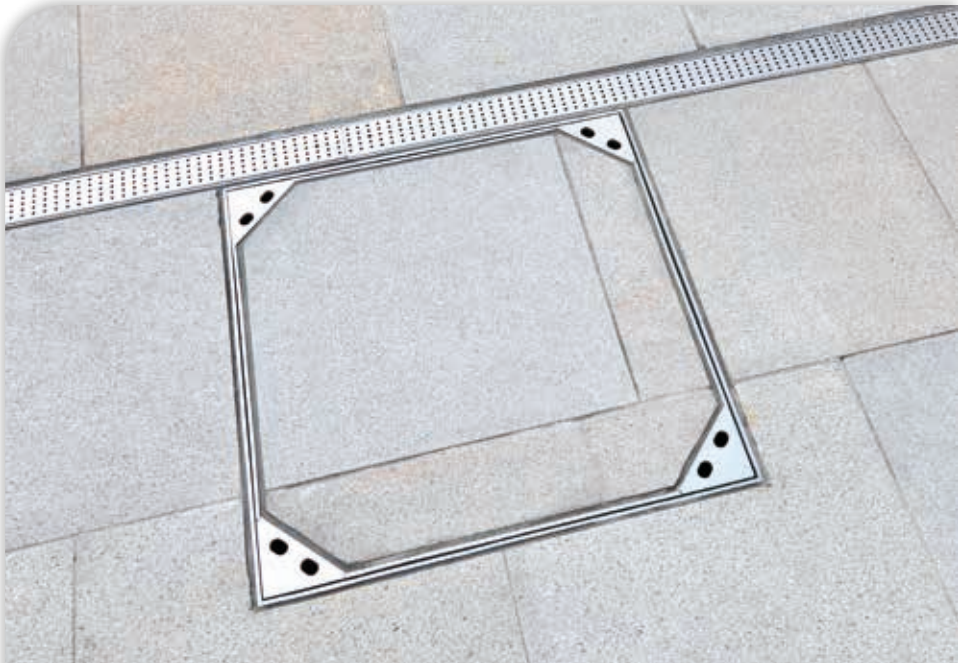
Whether used as facade channels in front of individual business units or area drainage solutions on squares and the wide promenades, the dewatering channels ensure that precipitation is properly taken away. The grating design with its circular perforations is consistent throughout the entire passage and brings the whole look together.

Ruhr Park Bochum

Germany's second-oldest and as yet largest open-air shopping centre was fitted with over 4 km of stainless steel dewatering channels. Custom-made Stabile Magna heavy-duty channels can handle loads up to and including class D 400.

20,000 m2 of the open-air space in Ruhr Park Bochum was relaid with different-coloured granite. The channels were often laid as a visual dividing line directly between the different-coloured slabs.

The entrances to businesses are another example of the design options the dewatering channels provide, with a striking,



The heavy-duty channels and gratings installed on all squares and roads allow goods to be smoothly delivered to the business units. The dewatering systems can withstand loads of over 40 tonnes.

Learn more about this reference project at:
www.richard-brink.de/hans-sachs-haus

The heavy-duty slotted channels on the square were custom-made. For example, the collar heights were adapted to the installation height of the flooring, including the concrete foundation and gravel. To ensure that the channel system could be inspected easily, multiple inspection or flush boxes were installed along the channel routes.

Hans-Sachs-Haus Gelsenkirchen

The glass town hall facade and adjacent Alfred Fischer Square now feature heavy-duty dewatering systems following extensive renovation work. Stabile Magna channels with an inlet width of 200 millimetres take care of drainage for the facade, while heavy-duty slotted channels ensure discreet linear dewatering

The west-facing facade can be opened in good weather to allow for shared use of the square and public plaza on the ground floor of the building.

To allow for even heavy vehicles to cross the square into the building, all channel systems were designed to withstand loads of up to 35 tonnes.

The channels are covered with 20x3 mm stainless steel heavy-duty longitudinal bar gratings, which fit in historical

The listed brick facade of the building has an incredibly solid look. By contrast, the newly added glass facade lends the space a feeling of lightness and a sense of transparency.

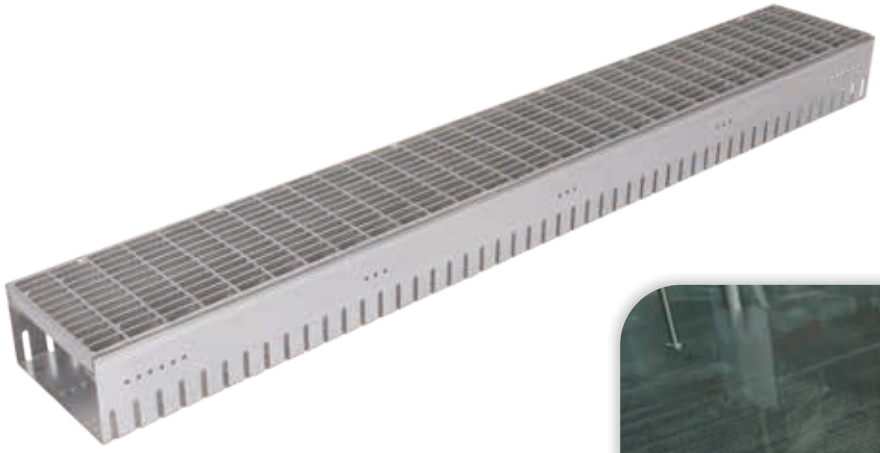
This same contrast of heavy versus light is also found in the interplay of glass and steel.

Learn more about this reference project at:
www.richard-brink.de/r+v-versicherung

The selection of shell limestone for the facade combined with glass and steel makes for a timeless, high-quality aesthetic. The custom-made stainless steel mesh gratings complete the look and ensure proper drainage.

R+V Versicherung Wiesbaden

A total of 260 m of drainage channels and 26 gullies were supplied for the new R+V Versicherung building, providing dewatering for the courtyard and facades. Both stainless steel mesh gratings and 20×3 mm longitudinal bar gratings cover the dewatering systems.



Stainless steel Cubo channels border the door and window reveals in the entrance area and the terrace surface of the inner courtyard adjacent to the canteen. With the exception of the radial channels around the revolving door at the entrance, all of the channels are covered in stainless steel mesh gratings. To emphasise the circular shape of the revolving door, the designers chose custom-made radial 20×3 mm longitudinal bar gratings. The image on the right shows the radial drainage channels and gratings

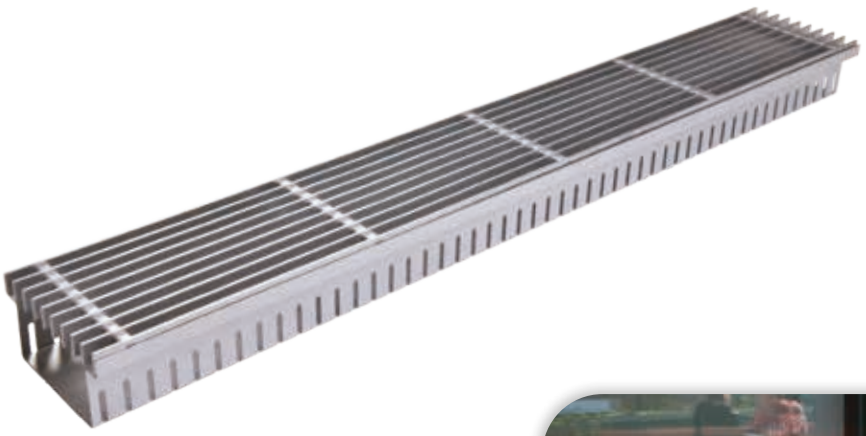
The terrace area, which is available to employees as a break area when the weather is nice, also has Cubo drainage channels for dewatering. Multiple drainage gullies also ensure that precipitation is swiftly led away.

Learn more about this reference project at:
www.richard-brink.de/hafen-city

The modern brick facade with its waves, which envelope the choir, entrance and bells of the church, matches the traditional clinker brick facades used in the surrounding buildings.

Ecumenical Forum HafenCity Hamburg

One of the largest construction projects in Europe, HafenCity near Hamburg's city centre, now has its own church. The building, worship space and residence combined were fitted with custom-made drainage channels and 20 × 3 mm longitudinal bar gratings made of stainless steel.



The dewatering solution for the ground floor had to be as individual as the facade. The channels and gratings were also custom-made to follow the curves integrated into the facade and the partially conically bricked window and door reveals.

To make access to the building easier for
residents and visitors, the top priority was to ensure that all ground- level

At the back of the building, an open-plan inner courtyard with an outdoor terrace provides seating for residents and visitors to the ElbFaire café. Here, too, all entrances to the building are barrier-free.

Learn more about this reference project at:
www.richard-brink.de/deutsche-leasing

The striking, arc-shaped design of the glass structure, which bends out over the canteen of the building complex, is bordered along the entire length of the facade by Hydra Linearis gratings, winner of the Red Dot Design Award. All of the channels and gratings and especially their lengths and mitred corners were custom-made to fit the individual facade elements and follow the course of the building seamlessly.

Deutsche Leasing Bad Homburg

In revitalising its old building complex and adding a new building next to it, Deutsche Leasing has also invested in the future. Numerous facade sections and balconies were fitted with drainage channels to facilitate

On multiple levels, from the parterre and roof terraces to the balconies on the upper floors, custom-made Stabile drainage channels ensure proper dewatering of precipitation.

The Hydra Linearis gratings chosen for the channels match the clear grid design of the new building as well as that of the existing renovated property.

The combination of glass, steel and timber on the upper balconies and roof terraces speaks for itself. Strings of protruding LED lights further highlight the stainless steel gratings and showcase the high quality of the finished product.

The view from the entrance offers another architectural highlight: the '0|2' laboratory is part of the University of Amsterdam and also features height-adjustable Lamina slotted channels in its entrance area. The circular image on the right shows a reflection of the lab in the facade of 'The Edge'

The Edge Amsterdam

Modern, straight-edged and sustainable is the best way of describing the architecture of the Zuidas quarter of Amsterdam – and the office building 'The Edge' is a shining example of this trend. The main entrance to the building, which is positioned on a protruding landing, features discreet slotted

The 40,000 m² building 'The Edge' is one of the most sustainable and intelligent in the world and has won multiple awards.

Efficiency and functionality are reflected even in the dewa-
tering solutions at the main entrance. Adapted on site to the desired floor level, 41 metres of height-
adjustable Lamina slotted channels
Reference book 52 / 53 e.

Premium natural stone slab materials skirt the discreet slot of the dewatering system.

„0|2“-lab Amsterdam

Clear yet reserved shapes form the cube and its facade. Angled columns support the cut-outs running across

The system has two custom-made inspection boxes and 43 metres of channels that all run level with the ground. The slab covers were laid with the same concrete flooring as the entrance area, creating a homo-geneous surface.

Matching the reserved design of the building, the entrance area was fitted with height-adjustable Lamina slotted channels. The narrow slots of the drainage channels allow for very good dewatering with a minimal inlet width.

The 1.5 mm stainless steel design is an aesthetically appealing solution of lasting quality that keeps building dry in the entrance area even when the weather

Next to the large-scale, seemingly solid building elements, the slotted channels almost appear delicate, and yet they ensure targeted, reliable drainage of precipitation.

Learn more about this reference project at:
www.richard-brink.de/bildungscampus

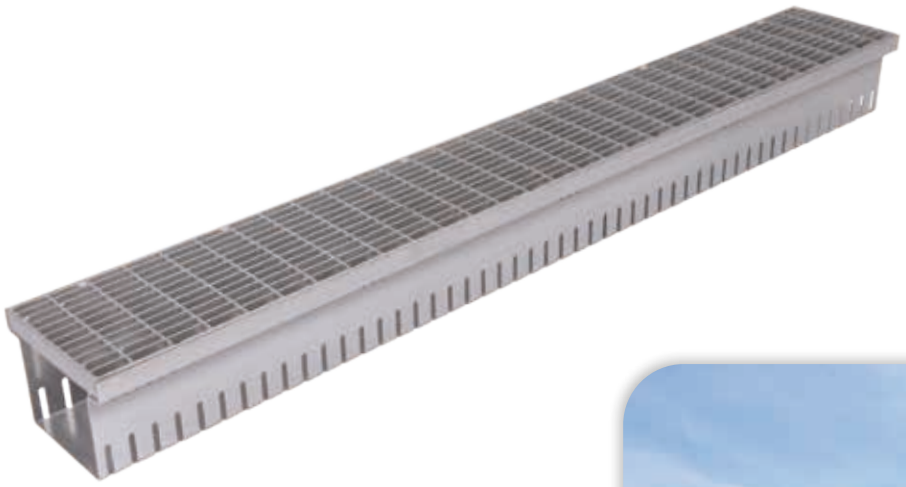
On the upper floors, the drainage channels are mainly installed in front of the window facades and entrances to the classrooms and corridors, which lead to the various terrace areas.

The nested structure of the building with its multiple, generously proportioned outdoor spaces has an open, inviting effect.

Sonnwendviertel education campus Vienna

Indoor rooms transition to outdoor spaces in this school building, where classes can take place outside if the weather allows. To ensure the dewatering of the open air classrooms, over 254 metres of Stabile dewatering channels and just as many stainless steel mesh gratings were installed.

Reliable drainage systems were required so that the children and teachers could use the terraces, balconies and the path to the playing field on the first floor quickly even after it has rained. The systems also needed to securely protect the structural fabric from the ingress of moisture.



Channels and gratings were custom-made to match the reveal depths in order to ensure that dewatering of the outdoor spaces on the first floor was not just functional but also fit in well with the overall design of the building.

Learn more about this reference project at:
www.richard-brink.de/c-o-offices

Substrate rails, flower bed edgings, lawn edgings – these are all terms for a product that traditionally falls under the umbrella term 'edging solutions'.

The multitude of names used here shows the scope with which edging solutions were employed in this project.

Cologne Oval Offices Cologne

The name says it all: the red and green building ensemble draws you in with its oval facades. Custom-made Stabile drainage channels that trace

A total of around 500 metres of channel were custom-made for the park-like grounds of the Cologne Oval Offices.

The interlinking drainage channels all feature mitre joints of varying degrees, enabling the channels to perfectly nestle against the edges of the building.

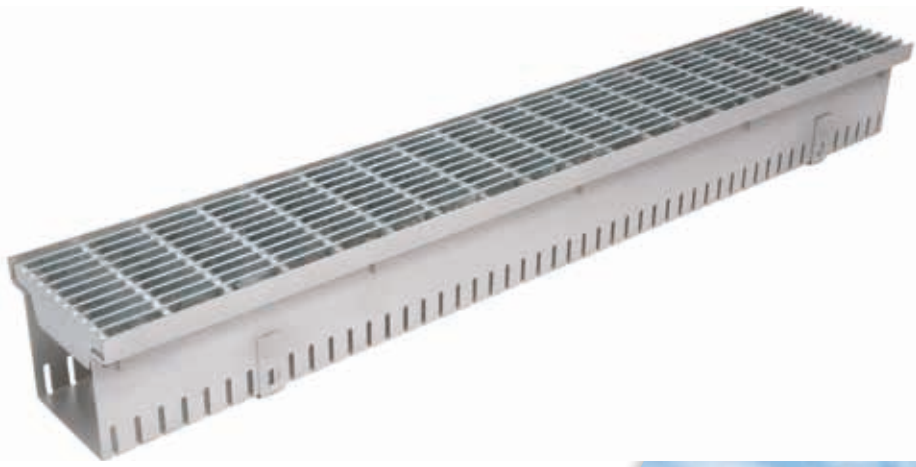
The 7×7 mm longitudinal bar gratings look solid and elegant at the same time. The mix of glass, steel and in this case protruding gravel also provides a rich contrast to the shot-blasted shine of the stainless steel.

The image below shows the facade with the bed in the foreground, where edging solutions separate bark mulch and gravel.

IT-Rathaus Munich

The new premises of the Stadtwerke München municipal services house a large part of the city's information and telecommunications technology. To ensure dewatering of the large facades, 107 running metres of custom-made drainage and slotted channels were installed.

Additional point drainage units were also created in addition to drainage channels. These units provide relief for the dewatering system when there is heavy rain.
Inspection and flush boxes make the slotted channels easy to maintain and are hardly noticeable thanks to the slab covers that can be laid with the same cobbled stone as the surrounding slabs.



The Stabile Magna facade channels with inlet widths of 153 mm and 203 mm have to withstand heavy forces even in the entrance areas, i.e. load classes as high as C 250.

The channel systems in the kitchen access points even meet the demands of class D 400.

To match the heavy-duty drainage channels, 20×3 mm heavy-duty hot-dip galvanised longitudinal bar

Coarse gravel, heavy-duty gratings made of hot-dip galvanised steel, large glass surfaces and soft grass – the delightful contrast could not be greater.

Find out more about this reference project at:
www.richard-brink.de/zeche-zollverein

Seating incorporated into the raised beds invites passers-by to stay a while and transforms the car park roof into an open-air staff room for employees from the nearby administration building.

Zollverein Coal Mine Industrial Complex world heritage site Essen

The Zollverein Coal Mine Industrial Complex in Essen is a showpiece representative of the structural transformation seen in the industrial centres of North Rhine-Westphalia. As well as building conversions, new projects are also springing up on former brownfield land such as the car park with landscaped roof seen here, which was realised using tailor-made raised beds from Richard Brink.

A total of 736 metres of raised beds were installed on the car park roof. The planners chose RAL colour 9017 (traffic black, matt) for the powder coating, emphasising the industrial charm of the complex. The choice of materials consciously links in with the area's past.

By planting just a few local grasses and wild flowers, the idea was to reflect the natural state of what was originally an unused space.

Two-tier staircases and seating options intermittently interrupt the flow of the raised beds.

The look and feel of an open space is further reinforced by the sunken design of the car park in the ground and the wild flowers planted in the raised beds. A “cultivated” open space has thus emerged which, despite its use, does nothing to distract from the UNESCO world heritage site.

Find out more about this reference project at:
www.richard-brink.de/tarpenbeker-ufer

The wooden seating areas integrated into the large raised beds give residents and visitors a place to enjoy a little time out, practically in among the flowers thanks to the seats' proximity to the plants on the same level.

Tarpenbeker Ufer Hamburg

A mix of linear geometries and gently curved, organic forms shape the outdoor space of the Tarpenbeker Ufer urban quarter. Resembling miniature parks, the gardens are found between the buildings in the courtyard areas. One of these outdoor spaces was fitted with 16 COR-TEN steel raised beds from the company Richard Brink.

Four large, organically formed raised beds make up the centre of the green inner courtyard, which is surrounded by paths that link the buildings. These in turn are lined with a total of twelve smaller, rectangular raised beds at regular intervals.

The rusty brown colour of the raised beds creates an interesting, complementary contrast with the complex's lawned and planted areas and is a simple way of adding a splash of colour to the space. This look is enhanced in the golden months of autumn and continues throughout the cold winter months.

Blossoming perennial plants and ornamental shrubs ensure a diverse mix of plants during the spring and summer months.

An all-round, well thought out green space, framed at the open end by older trees, is the harmonious outcome of urban construction designed with an eye to nature. A homely environment has emerged that not only appeals to residents and visitors, but also provide an urban habitat for wildlife.

Find out more about this reference project at:
www.richard-brink.de/neudorfer-markt

Convex and concave curves interchange throughout the organically formed COR-TEN steel raised beds, filling the space with life and movement. An idea that is further enhanced by the chosen plants.

Neudorfer Markt Duisburg

A meadow of flowers in the middle of the city? Certainly unusual, but not impossible. The city of Duisburg is leading by example here, having commissioned a sophisticated, custom-made raised flower bed. The bed is a great addition for flora and fauna while also benefiting residents and visitors of Neudorfer Markt.

Besides meeting the ecological demands of the city of Duisburg, the raised bed also scores points in terms of comfort and aesthetics for the surrounding green space and its visitors. Made from the trend material COR-TEN steel, the structure incorporates welcoming benches at two ends made from solid timber, creating more seating in the park and inviting visitors to sit back and enjoy the planted areas around them. Flowers, butterflies, bees and other insects can all be observed up close from the benches.

The multifunctional substructure presents a well composed symbiosis of street furniture and planted space. Also the creation of a second, exposed tier above ground level really enhances the appearance of the park. In all, the city of Duisburg is setting ecological and design standards for future recreational areas in the urban environment with this project.

Find out more about this reference project at:
www.richard-brink.de/kreisbeet

Well thought out and aesthetically appealing details round off the design. The bottom of the raised beds, for instance, was framed with over 84m of edging solutions made from stainless steel and filled with 8cm x 11cm light grey granite stones. The stones provide a harmonious transition from the ornamental gravel used to create the paths and also provide a colour contrast with the blue grey shade of the raised beds – a colour palette reflected in a number of materials used in the project.

Circular flower bed Ostwestfalen

A maze of fragrances – that's one way of describing the circular ensemble of raised beds that make up this rose garden in Eastern Westphalia. The interplay of raised beds, edging solutions, granite stones and ornamental gravel sets a stage not only for the flowers, but for the entire garden in the colder autumn and winter months.

The five radial beds, custom-made from 3mm-thick aluminium in RAL 7031 (blue grey), come together to form an accessible circular maze. Split into two semi-circles, the outermost ring is 12.6m long along its outer wall, 1.8m wide and 200mm high. Moving inwards, the two beds that make up the next circle have an outer diameter of 7m, a width of 1m and a height of 300mm. They sit around the 500mm-high bed at the centre, which is 3m in diameter.

Colour coordinated Modular Line plant boxes are installed right next to the beds that continue the circular theme with their rounded shape.

When considering how to plant the beds, the client chose 170 different types of rose, guaranteeing a striking array of colours when in bloom. These were planted alongside various shrubs.

Find out more about this reference project at:
www.richard-brink.de/zob

A bus station with a view – this can certainly be said of the central bus station looking out towards Husemannstrasse. From some parts of the waiting areas, visitors have a great view of the local vicinity.

Central bus station Gelsenkirchen

Spacious, lavish and green: this best describes the new bus station situated right next to Gelsenkirchen main train station. Custom-made raised beds from the company Richard Brink were used for planting, which have to satisfy not only visual but also safety requirements.

he entire bus station is essentially constructed on a plateau situated on top of a car park and parts of the retail area at the train station. The raised beds installed along the top of the steps leading to the train station forecourt and above the entrance to the car park are therefore not only pleasing on the eye, but also have a safety function, acting as a railing.

A total of 210 running metres of raised beds in Deutsche Bahn colour 703 (glimmer grey) were produced for the project.

A mix of medium-height to near-ground individual shrubs and various herbaceous perennials were selected to fill the beds. All kinds of flowers are added to the mix in the spring and summer months, giving the raised bed borders an extra splash of colour.

The raised bed sections were installed on the enclosed paved surfaces of the central bus station. In order to prevent damaging pooling from affecting the plants in the raised beds, emergency overflows are integrated at regular intervals. An example can be seen in the image found in the circle to the right.

Find out more about this reference project at:
www.richard-brink.de/folkwang

Trees such as honey locust and red maple form the highest level of growth in the raised beds, which are complemented by buddleia, dwarf arctic willow and rosemary willow as well as feather grass, white wood-rush and Japanese sedge.

Folkwang Universität Essen

A notable building complex has emerged on the grounds of UNESCO world heritage site Zollverein Coal Mine Industrial Complex in Essen, home to Folkwang University of the Arts. The linear, puristic construction not only creates an appealing contrast to the industrial architecture of the past; it also scores points with its small, hidden oasis of green found on a rear terrace.

With its many seating options and raised beds of varying sizes, the planted, open-air break room offers a lovely alternative to Folkwang University's canteen area on warm sunny days.

Twelve raised beds made of aluminium were produced at two heights, the combination of which gives a spacious, relaxing feel to the area. In total, 80 metres of raised beds at a height of 110mm and 117 metres at a height of 400mm were produced.

Depending on the width of the 400mm-high raised beds, they were also used as edging solutions.

Thanks to the composition of plants, the raised beds change in appearance from spring to autumn to reflect the time of year.

One of the two raised beds was combined with a wooden bench. The greenery of the plants in the raised beds provides an inviting environment in which to relax.

University Hospital crèche Aachen

Plenty of light, space and greenery – welcome to the new building now home to the Aachen University Hospital crèche. The roof

The two 500 mm high raised beds are surrounded by 44 metres of custom-made radial walls painted in DB 703 (Iron Mica).

The Stabile drainage and dewatering channels, the drainage gullies and all mesh gratings were made of hot-dip galvanised steel.

The channels ensure the quick removal of precipitation directly in front of the facade as well as on the open air terrace.

The drainage and dewatering systems surround the entire courtyard. The building's overall look of robust, hot-dip galvanised steel elements is created by the rails, safety lattice for the overhead lights and even the dewatering systems including their mesh gratings.

The grassy areas of the entire space were lined with aluminium strip edgings which were also painted in DB 703 and create a second level between the terrace area and raised beds.

Living Circle Düsseldorf

It's all in the name: the raised beds all feature round segments that follow the design concept of the building complex, transferring it to the landscaped area.

For Germany's largest transformation project, over 2,300 running metres of raised bed walls were custom-made and painted in DB 703 (Iron Mica). Of these, 432 running metres are radial and reflect the concept of the 'circle'.

The 500 mm tall and 600 mm wide raised beds, which serve as boundaries between the public and private park and garden areas, were planted with hornbeams.

Raised beds are not just interesting solutions as purely ornamental or chef's garden beds; they are increasingly being combined with hedge plants to act as boundaries or provide privacy.

DB 703 (Iron Mica) creates a harmonious connection with the varying grey-toned bricks of the ground floor.

The colour options for our raised beds are almost limitless. Whether you want DB or RAL colours, we can make it happen.

Anne Frank School Gütersloh

During extensive building renovations, not just the facades but also an inner courtyard within the building complex were completely redesigned and landscaped. Easy-care, custom-made raised beds were used alongside drainage and dewatering systems.

Multiple raised beds divide the square inner courtyard at a 45-degree angle into two areas at different heights. The glass facade of the canteen stands opposite the raised beds, with three outdoor steps leading to the kitchen wing.

Geometric shapes such as triangles and rectangles lay out the structure of the beds and continue the tidy, organised feel of the courtyard and facade.

The closed surfaces of the inner courtyard mean that dewatering solutions such as channels and gullies are absolutely needed. In particular, all entrances were fitted with drainage solutions.

Drainage systems and mesh gratings made of hot-dip galvanised steel ensure proper dewatering in front of the glass facade of the school's canteen and the access to the kitchen.

Hardy, cold-weather perennials, shrubs and a tree will serve the inner courtyard in the long term and help make for a comfortable environment at the school.

Dividing the courtyard into two different levels allows the raised beds to become structural elements in relation to the steps.

Learn more about this reference project at:
www.richard-brink.de/franz-morick

Franz Morick GmbH Düsseldorf

Lush greenery and tropical vegetation that you'd never expect at our latitudes characterise the commercial yard of Franz Morick GmbH. Nine custom-made plant boxes with double-walled sides help make this paradise possible.

Tita Giese developed a plant concept for the commercial yard and roof terrace of the tile, slab and natural stone company.

Having become famous for countless public planting projects, like that at Ernst Reuter Square in Düsseldorf, Tita Giese came up with a unique green space within the city for this project.

To provide a secure place for the large palms without overloading the roof's structural integrity, plant boxes were required that were both stable and had a light self-weight.

Thanks to the double-walled hot-dip galvanised steel construction and the air spaces inside the wall, which have an insulating effect, the plants are protected against both frost and dehydration.

The plants take over the space in the commercial yard, even conquering the walls. Clematis plants, ivy, grape vines, hardy fan palms and dwarf bamboo together create an oasis in an otherwise rather grey rear yard landscape.

Learn more about this reference project at:
www.richard-brink.de/clarenbachkanal

Doors, windows and different facade elements were made of timber. Other materials, such as glass, steel and concrete, provide an interesting contrast to the warm tones of the wood. Custom-made aluminium raised beds also support this mix of materials.

Residence on Clarenbach canal Cologne

Central yet green: the demand for construction with a connection to nature is met by the apartment complex on Clarenbach canal. Not only does Clarenbachstrasse's mature tree population make it green; the landscaped inner courtyard also plays its part.

The raised beds in the inner courtyard fulfil their main purpose of providing green space whilst also acting as spacer elements and privacy screens, creating distance between the yard and the floor-level windows on the ground floor.

A total of 147 metres of raised bed walls were installed, which surround the inner courtyard including the sandbox and play areas.

Reinforced with gusset plates, the raised beds have the required stability and can withstand the pressure of being filled with garden soil without deforming.

The green inner courtyard offers residents and especially their children enough space to relax and play.

FleherLeben Düsseldorf

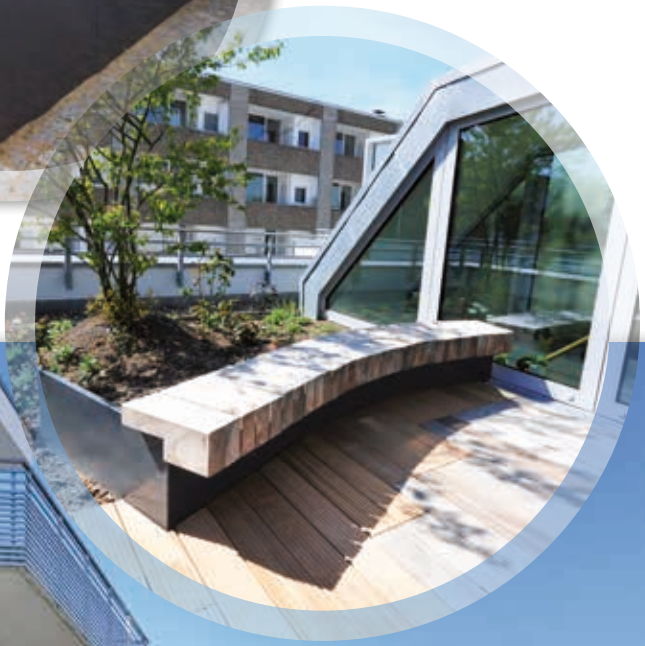
‘Living with flair’ would be a good description of this construction project. The green design of this urban residence is supported by raised beds with plants in the parterre as well as on the penthouse terraces.

A total of 263 running metres of raised bed walls with a powder coating in RAL 7016 (Anthracite Grey) were custom-made for this construction project.

Of these, 127 running metres were made for use as boundaries and raised bed gardens in the parterre, where hornbeams were planted. The angled garden areas, public paths and entrances to the homes were bordered using 26 outer and six inner corners.

A further 136 running metres of raised bed walls were installed on the 16 penthouse terraces of the apartment complex. The mostly radial walls form wave-like raised bed fronts, where the garden soil can be deposited.

Depending on the size of the terraces, five different bed shapes were used. To give the beds a dual purpose, benches were mounted to the raised bed fronts.

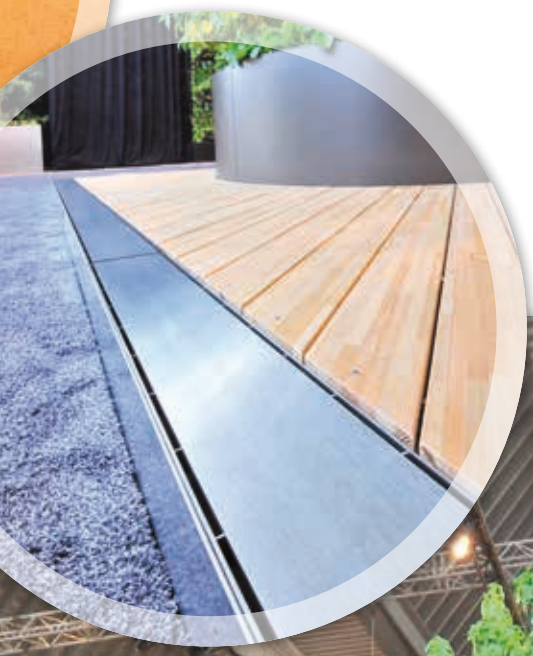


GaLaBau 2016 Nuremberg

Richard Brink products were not just presented at our own trade fair booth, but also at the ‘Garten-(t)räume’ exhibition hosted by the German Association of Gardening, Landscaping and Recreation Construction (BGL) – see the image at the bottom right.

Raised beds and plant boxes were some of the themes at the GaLaBau 2016 trade fair when it came to urban landscaping. At the BGL’s exhibition booth, raised beds were presented not just as ornamental elements, but also as chef’s garden and herb garden beds. A special highlight came in the form of two circular stainless steel raised beds with a diameter of 2.50 m each. The beds, which were painted a bronze shade, provided enough space for two trees.

In addition to raised beds and plant boxes, the ‘Garten(t)räume’ exhibition also looked at drainage and dewatering channels. Three designer gratings from Richard Brink were featured at the BGL exhibition: the Hydra Linearis longitudinal bar grating (right), which won the Red Dot Design Award, along with the Gemini double-slit gratings (below) and the undulating Legato designer grating (left).



Learn more about this reference project at:
www.richard-brink.de/barbarossaplatz

The tall-growing plants in the beds not only provide a more comfortable space thanks to the added shade and water-evaporating properties of the plants, but also form a good privacy screen and create a private environment for the residents.

Barbarossaplatz Berlin

A garden at lofty heights – made-to-measure raised beds make it possible. Berlin-Schöneberg has welcomed a new residence with two generous penthouse terraces.

The terrace areas are divided into

Additional raised beds were placed between the pillars of two pergolas, which further reinforce this look.

Raised beds are increasingly being used as partitions for private areas within apartment complexes. By planting mostly tall-growing shrubs, the beds create a natural, green privacy screen.

The view from above best illustrates how the roof terraces are divided. The two pergolas form a corridor between the two penthouse apartments, from which it is possible to reach the other parts of the terrace. Custom-made plant boxes were installed between the pillars of the pergolas and now seem to be embedded in alcoves. The large plant beds adjacent to the pergolas offer sufficient space for a number of plants.

Learn more about this reference project at:
www.richard-brink.de/kranhaeuser

Kranhaus buildings Cologne

Stainless steel plant boxes planted with olive trees that are more than 200 years old provide a Mediterranean flair on one of the penthouse terraces of the Pandion Vista Kranhaus.

Three of these imposing olive trees stand directly on the balustrade of the 18th floor, with a view out over the River Rhine. For these valuable plants to enjoy optimal growing conditions, the plant boxes were manufactured to fit the size of the root balls of these Italian trees and insulated with Styrodur panels.

Thanks to this insulation material, the root balls of these Mediterranean plants are protected both from frost and heat.

Insulating plant boxes is not just recommended for exotic plants; domestic tub plants also benefit from this extra protection.

In addition to their decorative properties, the plant boxes also fulfil further functions. Two boxes planted with Photinia divide the large 200 square metre terrace into two separate outdoor spaces: the smaller of the two forms a private area with access to the sauna and kitchen.

Multiple plant boxes in this space provide a small chef's and herb garden, planted with thyme, rosemary and oregano to further underscore the southern European flair of the space.

Expert AG Langenhagen

The front garden is often said to be a building's calling card. And the entrance area leading up to Expert AG in Langenhagen is exactly that. Custom-made raised beds with a wide variety of plants greet visitors and employees alike.

The forecourt not only serves as an entrance area but also as a break area for the company's employees.

A total of 503 metres of raised bed walls including 115 corners were produced out of 3 mm thick aluminium. Of these, 394 metres formed 500 mm tall segments and 109 metres came in the form of 950 mm tall segments.

The raised bed landscape created from this is custom-made and was powder-coated in anthracite grey.

Seating such as concrete benches matches the building's design and provides an inviting place to relax.

Drainage mats were laid under the slab material of the forecourt, so excess water from the raised beds could be absorbed and removed. This approach provides optimal growing conditions for plants like the Japanese maple trees, the yew shrubs and various species of grass, as the water is not able to pool around the roots.

Learn more about this reference project at:
www.richard-brink.de/zeppelin

Zeppelin Hamm

A quartet of custom-made, juvenescent plant boxes with a conical shape pointing downwards greets employees and visitors to Zeppelin Baumaschinen GmbH in Hamm. The guard-like plant boxes were planted with topiary shrubs, cultivated into geometric shapes of spheres and cones that continue the design of the boxes themselves.

The hot-dip galvanised steel plant boxes were powder-coated in RAL 7037 (Dusty Grey) and harmonise with the blue-grey tones of the glass facade of the administration building.

The plant holders are 900 × 900 millimetres at the top and taper downwards to 600 × 600 millimetres.

The boxes, which are made of 1.5 millimetre-thick hot-dip galvanised sheet steel and are powder-coated, can withstand the long-term effects of adverse weather.

Two bordered areas filled with quarry stones are situated to the side of the entrance, drawing attention to the plant tubs. These stones also make visual reference to Zeppelin's industrial connection.

The symmetrical order of the entrance area conveys an overall impression of tidiness, but that's not all: the area is easy to maintain.

The plant boxes with their powder coating are easy to clean and meet the criteria for a low-maintenance yet representative entrance.

Chef's garden Ostwestfalen

It's not just healthy and tasty, it's also in vogue: that's one way to describe the herb and chef's garden beds shown here with their plants.

The custom-made 1.20 × 1.20 m raised beds are 90 cm tall and enable the garden to be tended without having to crouch down.

The raised beds are powder-coated in DB 703 (Iron Mica), a shade that expands the colour range of the building with its copper-brown and light grey facade.

The parapet coverings of the building have also been painted in DB 703, drawing a connection between the house and the garden with its iron mica raised beds.

The image on the left shows what the plant boxes would have looked like in the current popular choice of CORTEN steel. This material also goes brilliantly with copper and earthy tones.

The decorative gravel area around the raised beds makes caring for the chef's garden easier and offers a harmonious barefoot experience when walking onto the ornamental gravel surface.

Ornamental gravel beds Ostwestfalen

Edging solutions, lawn edgings and substrate rails are all interchangeable terms and never just stay ‘on the sidelines’. These examples of ornamental design for decorative gravel beds introduce extra colour to the garden.

Baroque garden design shows what design options can be achieved simply using coloured ornamental gravel. Whether you prefer symmetrical shapes or imaginative decorations, creativity is on your side when it comes to designing your garden.

Thanks to the flexible edging solutions from Richard Brink, even smaller curves and organic shapes can be created.

After shaping, the edging solutions can be secured to the ground using soil pins before being filled with a thin clean layer of dry screed.

The individual areas are then filled with the selected material of different-coloured gravel.

The combination of gravel areas and planted beds creates an interesting contrast.

Watch our videos linked to this reference project at:

www.richard-brink.de/edgings

State Garden Show Bad Lippspringe

Lilac raised beds grace one of the show gardens at the State Garden Show in Bad Lippspringe in 2017. The colour of the raised beds is in keeping with the purple and lilac plants inside. The powder coating in RAL 4009 (Pastel Violet) ensures the colour scheme will remain intact even in the colder months.

Thanks to the 'plug-in' system, the individual elements of the raised beds can be clipped together in just a few easy steps. At 275 mm and 500 mm tall, they give the garden additional fields of view at different levels and create garden areas and separate spaces.

As a result, even a smaller garden in an urban setting can be made diverse and interesting. Thanks to variable layouts, sizes and colours, the raised beds provide virtually unlimited design freedom.

Whether used as a path boundary or a partition for a terrace area, the raised beds are versatile and give a garden structure.

Learn more about this reference project at:
www.richard-brink.de/senecura

SeneCura Schladming

The look of the community centre in Schladming (Styria, Austria) boasts a mix of materials from traditional to minimalist and modern. The contemporary building integrates nicely into the surrounding landscape thanks to its wood facade. The facade is protected by parapet coverings from Richard Brink.

The 2,300 m² roofs of the community centre stretch over the landscaped roof areas of the ground floor and the roof sections on the third floor that are covered in white gravel. On both levels, 424 running metres of profiles made of powder-coated aluminium frame the roof surfaces.

The building owners chose a powder coating in RAL Grey Aluminium so that the edge profiles would be as easy to maintain as possible. This gives the visual impression of a metal covering while avoiding the dirt that normally accumulates on metals due to weather influences.

The parapet coverings were mounted with rubber lip holders that also serve as connectors between the individual edge profiles. Water that gets into the stacks on the roof is directed away from the roof surfaces thanks to the ruffled surface of the holders.

A landscaped atrium on the ground floor is also bordered by custom-made edge profiles, as are the alcove of a deeper facade window in the building and the skylight on the roof of the second storey.

Thanks to the surface properties of the powder-coated edge profiles and the other materials used for roof landscaping and gravel surfaces, the overall look is very neat and cultivated.

The parapet coverings of the second storey protect the rear-ventilated wood shingle facade, made of domestic larch wood, from precipitation.

Learn more about this reference project at:
www.richard-brink.de/campus-w

Westend campus Frankfurt

The new Goethe University campus consists of multiple buildings with natural stone facades. To create a visually seamless transition from the roof and facade, the colouring of the parapet coverings was specifically matched to the natural stone.

A total of more than 2,000 metres of edge profiles with a powder coating in RAL 1013 Oyster White were installed in both buildings as parapet coverings and base coverings in the parapet area.

A specially applied noise suppression coating on the underside of the edge profiles dampens noise in the building caused by falling precipitation.

In addition to profiles on the roof, a landscaped inner courtyard divided into different floors was fitted with edge profiles that run over an elegant glass balustrade.

The unity of the facade and roof transition can also be seen when looking at the neighbouring building. The parapet coverings painted in oyster white not only look clean, but really are easy to clean thanks to the

North sports centre Salzburg

The first sports centre in Austria has achieved the 'Klimaaktiv Gold Standard' rating as a plus energy building. Stretching over multiple roof surfaces, the parapet coverings also protect the insulated building envelope from precipitation which would otherwise cause moisture and frost damage.

The snow white building envelope provides a clear and clean contrast to the mountain backdrop of the city of Salzburg. The 2 mm thick edge profiles from Richard Brink GmbH & Co. KG stretch across all roof sections of the building, from the projected roof over the entrance area to the balcony and the roofs of two offset floors.

The material thickness determines the stability of the parapet coverings as the custom-made profiles measuring 720 mm to 920 mm would be able to withstand frost and heat without deforming.

Fast and easy installation facilitated by the practical bracket and connector system also helped move the construction project along fairly quickly.

The energy efficiency of the building is also aided by the photovoltaic system on the roof of the sports centre. The modules set up on two levels are surrounded as if by white strips formed by the parapet coverings.

With a powder coating in light grey, the parapet coverings create a uniform transition between the end of the roof and the start of the facade elements.

Chimney caps

The result of extensive testing has now confirmed their resilience against wind and weather influences as well as thermal loads. According to the DIN EN 16475-7 standard, the caps can be used in exhaust gas systems using fossil fuels without worrying about soot fires.

Whether in stainless steel or copper, custom-made chimney caps offer permanent protection for chimneys. The chimney head can be covered with a type 'RB-SA 1' cap including shuttering frame – without damaging the chimney. There is also the option of combining the system with cladding suspensions, providing quick and stable cladding for the chimney: cap and cladding as if from one mould. This approach means that it is not necessary to case and strip the concrete coping slab or follow a complicated installation procedure as is the case with a conventional cap design.

Another version with a substructure, the 'RB-SA 2', can be bolted onto existing chimney heads with concrete slabs and is also suitable for chimney systems. Installed quickly and easily, both caps provide permanent protection from all the elements and improve the look of the roof.

The custom-made shuttering frame is quite simply positioned on the chimney head and cemented into place. Chimney cladding was also taken into consideration when manufacturing the shuttering frame.

Chimney caps

Appreciated not only for their function, they turn a roof into a real eye-catcher. Our chimney caps are the 'icing on the cake'. They look great on traditional chimneys with shale cladding as well as modern versions clad in metal.

The cladding used on chimneys is as individual as the customer. We offer different models of chimney cap to suit every taste.

Whether traditionally wavy or flat, the caps can be chosen with the shape of the roof and the character of the building in mind.

Since the chimney caps are always custom-made, any dimensions or special sizes are possible.

With shale or metal cladding, individual chimneys can be embellished with custom-made chimney caps and reliably protected against precipitation.

CE-tested chimney caps will also have no problem getting approval from your master chimney sweep: even in cold seasons the caps protect chimneys without impacting on their function.

CE
Tested safety and quality!

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