Reference Book

Products for everything, from the parterre to the roof!

Products for everything, from the parterre to the roof!

Tailor-made to suit individual customer requirements

This brochure offers a glimpse into our portfolio and reflects the wide range of products we offer.

From heavy-duty channels used in courtyard entrances to raised beds featured in gardens, right over to parapet coverings on roofs, all of the metal products available from Richard Brink are tailor-made to suit every customer specification, thus underscoring the character of each individual building down to the very last detail.

A lot of thought has been given to our precisely fitting products, not only in terms of function but also to with an eye to our passion for design. This is really brought to the fore thanks to the use of high-quality, easy-maintenance materials.

We hope you enjoy browsing our reference book.

Best wishes
Richard Brink

Reference projects

Drainage and dewatering systems from page 4

Reference projects

Planting systems from page 46

Reference projects

Roof and wall systems from page 74

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 heavy-duty Ferro Magna channel installed in the courtyard was overlaid with Hydra Linearis heavy-duty gratings, as was the round channel systems which were custom-made for the revolving door at the main entrance.

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.

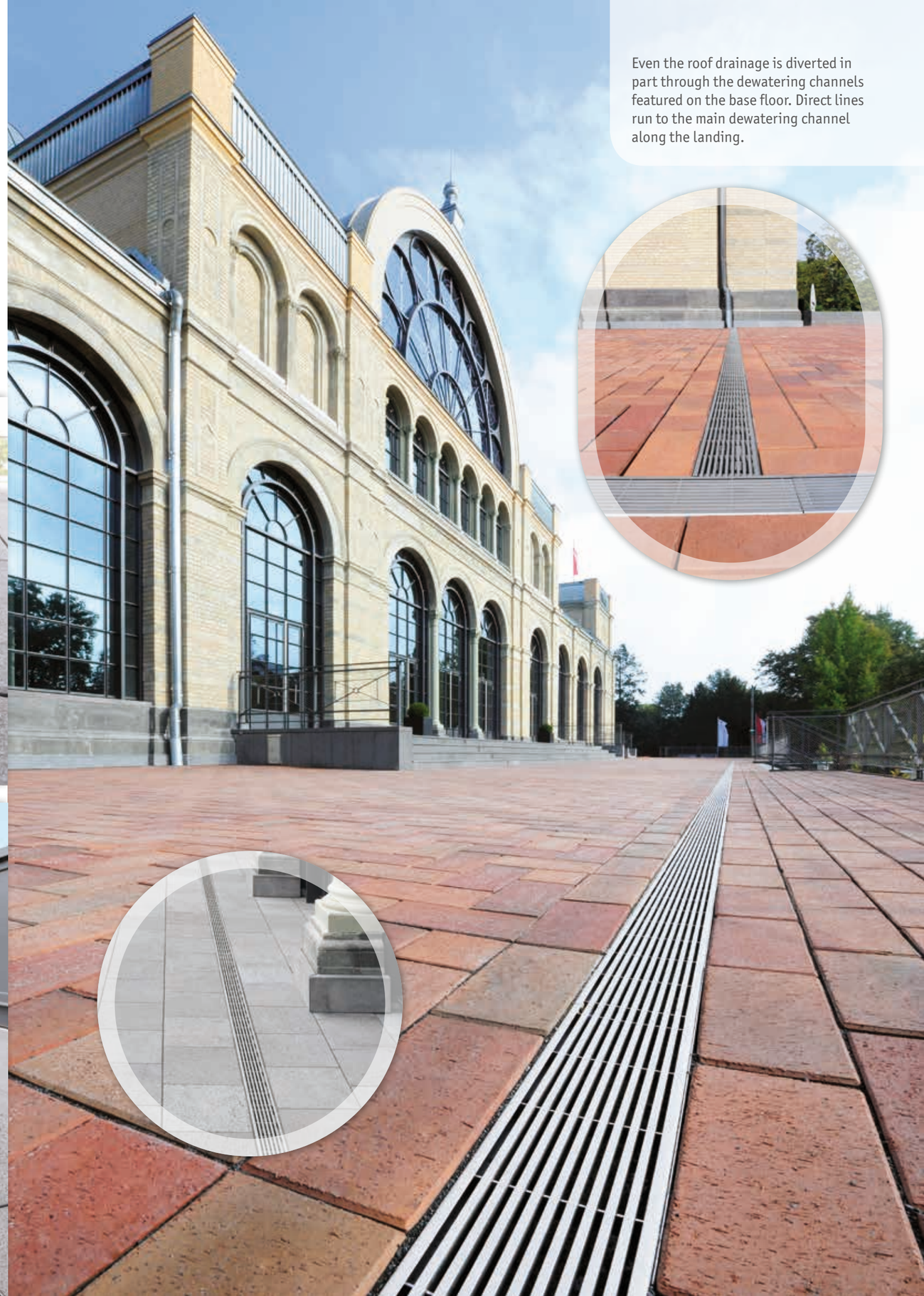
The base of the Flora in Cologne was expanded over the course of renovation work to become a full-capacity floor within the building. As a result, parts of the forecourt became roof areas that required sophisticated dewatering technology.

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.

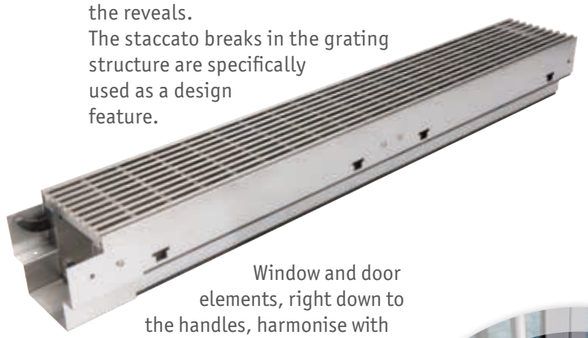
Even the roof drainage is diverted in part through the dewatering channels featured on the base floor. Direct lines run to the main dewatering channel along the landing.



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.

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.

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

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.

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

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

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.

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

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.

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.

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

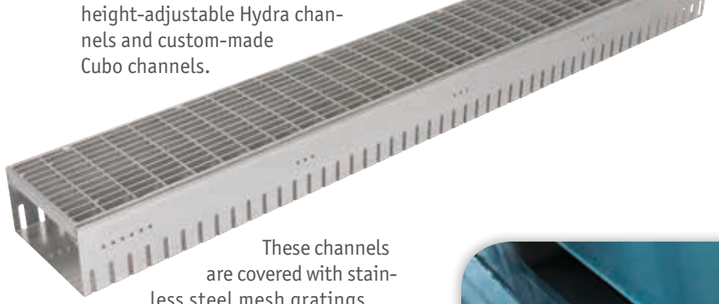
The facade channels and designer gratings within the window and door reveals were custom-made for an exact fit.

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 Phoenix Lake in Dortmund. Custom-made drainage channels provide dewatering for the facades.



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.

As a result, the dewatering solution for this exclusive residential and office building adds a special something.

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.

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.

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.

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.

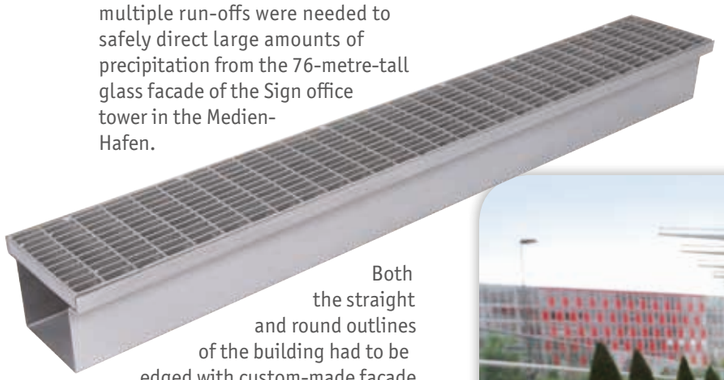
Due to its position on a slope and the steep surrounding topography, this three-storey building is more prone to precipitation. The terraces in the parterre in particular, which stretch out next to the house over two levels, needed an effective dewatering solution.

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.

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.

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 Medien-Hafen.



Both the straight and round outlines of the building had to be edged with custom-made facade channels. In doing so, the dewatering channels were also able to level out slight height differences in the parterre.

The wide stainless steel mesh gratings underscore the sense of space around the building. Stainless steel Lamina slotted channels were used on the raised base of the building for discreet linear drainage.

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

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.

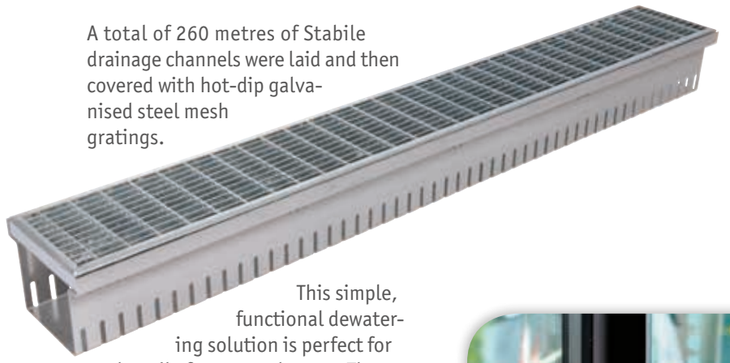
Düsseldorf’s MedienHafen combines the past with the present to produce a striking overall image. Free space for creative minds is reflected in the generous outdoor areas of this quarter, where the trendsetters work and live.

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

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 facades feature robust drainage systems made of hot-dip galvanised steel.

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.

As individual segments of the drainage channels had to be manufactured in lengths of up to three metres, custom manufacturing was required for the project. Ultimately these segments also allowed for the smooth installation of the entire dewatering system.

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.

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 effective.

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.

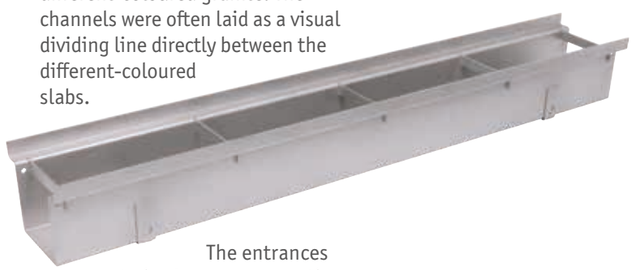
The channels run along all sections of the walls and in front of the entrance area to the event and conference spaces in the new museum building. Multiple inspection and flush boxes with metal slab covers that can be painted over were installed in order to maintain these hidden dewatering elements. This approach preserves the homogeneous look of the overall interior.

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.

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.

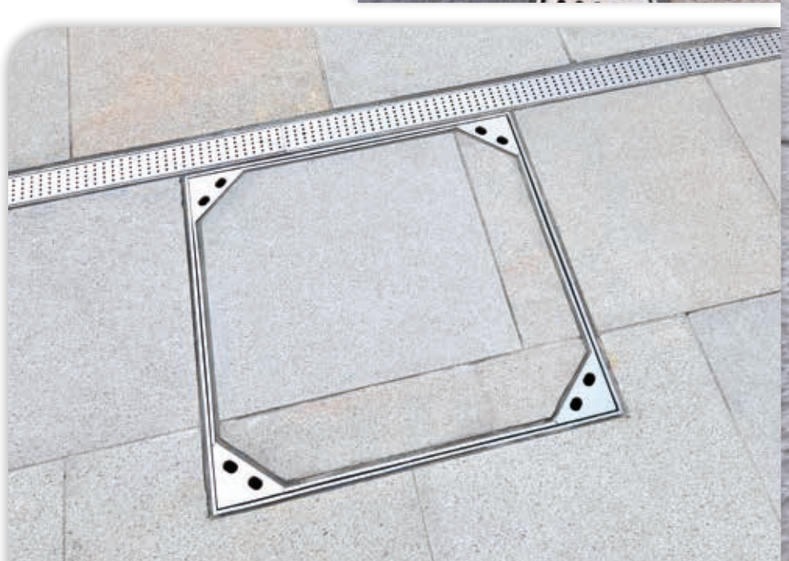
20,000 m2 of the open-air space in Ruhr Park Bochum was relaid with different-coloured granite. The channels were often laid as a visual dividing line directly between the different-coloured slabs.



The entrances to businesses are another example of the design options the dewatering channels provide, with a striking, heavily contrasting mix of wood, stainless steel and natural stone.

Moreover, 51 custom-made shaft coverings designed in such a way that the slab material of the surrounding flooring could be easily inserted create a homogeneous surface that is only interrupted by discreet stainless steel elements.

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.



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

Hans-Sachs-Haus Gelsenkirchen

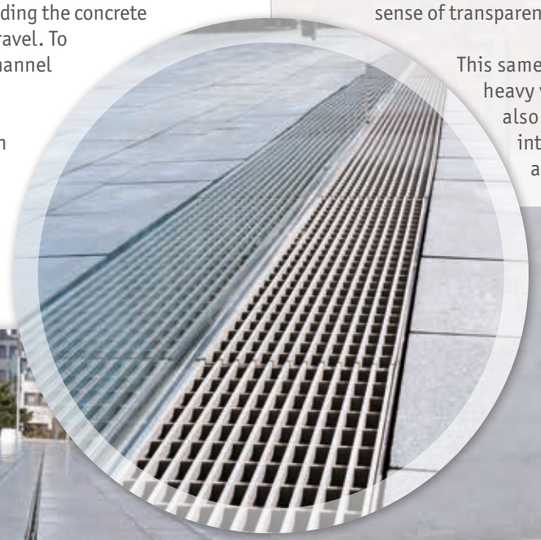
The glass town hall facade and adjacent Alfred Fischer Square now feature heavy-duty dewatering systems following extensive renovation work. Stabile Magna channels with an inlet width of 200 millimetres take care of drainage for the facade, while heavy-duty slotted channels ensure discreet linear dewatering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

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 especially well with the historical building thanks to their solid look.

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.



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.

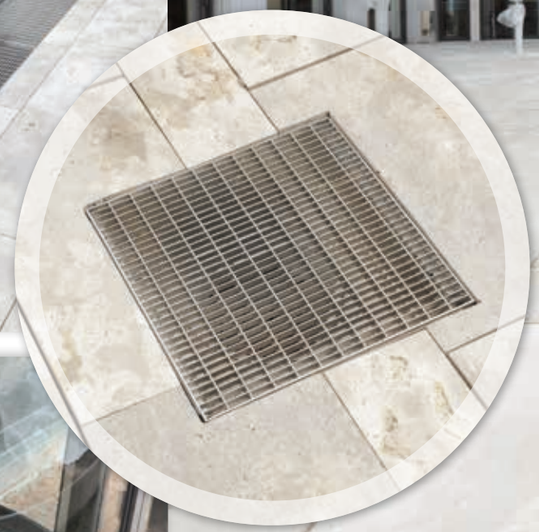
Learn more about this reference project at:
www.richard-brink.de/r+v-versicherung

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.

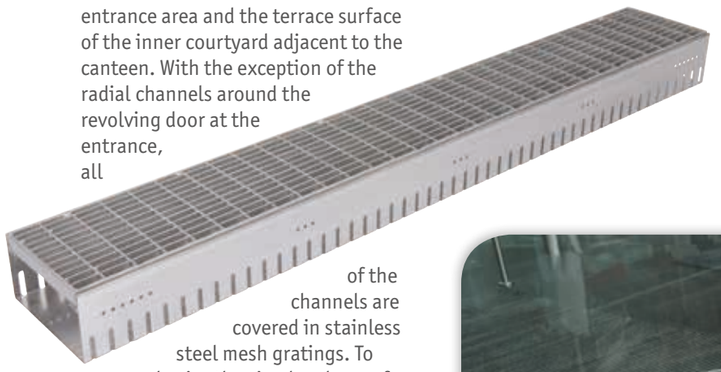
The terrace area, which is available to employees as a break area when the weather is nice, also has Cubo drainage channels for dewatering. Multiple drainage gullies also ensure that precipitation is swiftly led away.

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 during construction.

The facade channels were also custom-made to match the length and depth of the window and door reveals, underscoring the building's high-quality design.

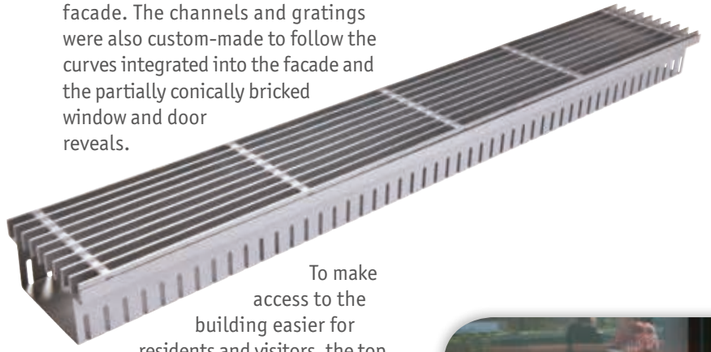
Learn more about this reference project at:
www.richard-brink.de/hafen-city

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 windows and doors were barrier-free. The drainage channels from Richard Brink GmbH & Co. KG were therefore adapted to the very low installation heights on site.

In total, 50 metres of Stable drainage channels were used in this construction project.

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.

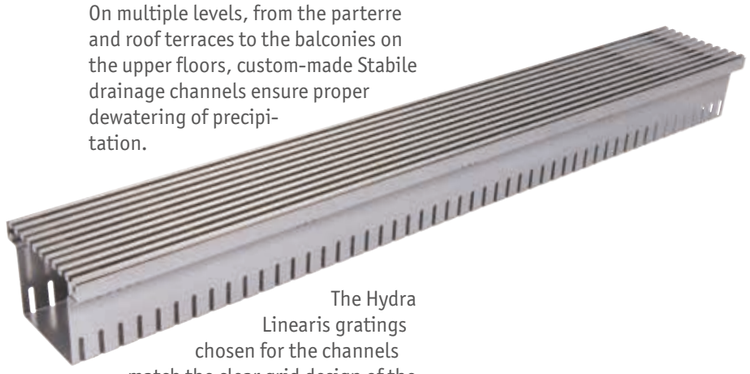
Learn more about this reference project at:
www.richard-brink.de/deutsche-leasing

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 the targeted collection of precipitation.

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.

In addition, over 700 metres of edging solutions were installed in the park-like inner courtyard areas and on the landscaped roof terraces.

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 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 channels for drainage.

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 dewatering solutions at the main entrance. Adapted on site to the desired floor level, 41 metres of height-adjustable Lamina slotted channels ensure discreet drainage.

Three inspection boxes with slab covers allow for system maintenance. The slab covers were laid with the same flooring as the landing, discreetly camouflaging them.

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’

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 multiple storeys to create a special architectural highlight.

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 employees and visitors dry in the entrance area even when the weather is poor.

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 homogeneous surface.

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.

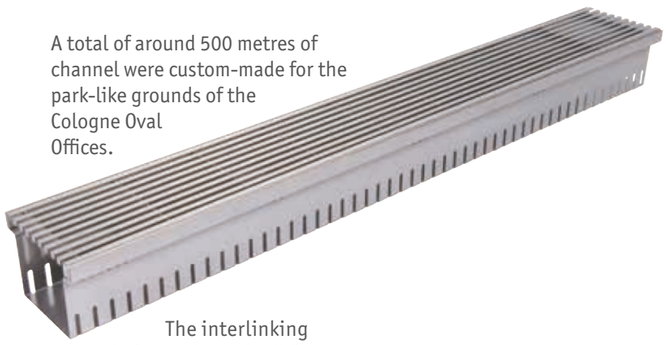
Reliable drainage systems were required so that the children and teachers could use the terraces, balconies and the path to the playing field on the first floor quickly even after it has rained. The systems also needed to securely protect the structural fabric from the ingress of moisture.

The Stabile drainage channels, which are perforated on both sides, are made of 1.5 mm stainless steel and have an inlet width of 250 mm. The stainless steel mesh gratings are especially suited to public buildings, as they are practical, robust and yet still aesthetically pleasing. The image above shows a Stabile channel with an inlet width of 140 mm.

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.

Cologne Oval Offices Cologne

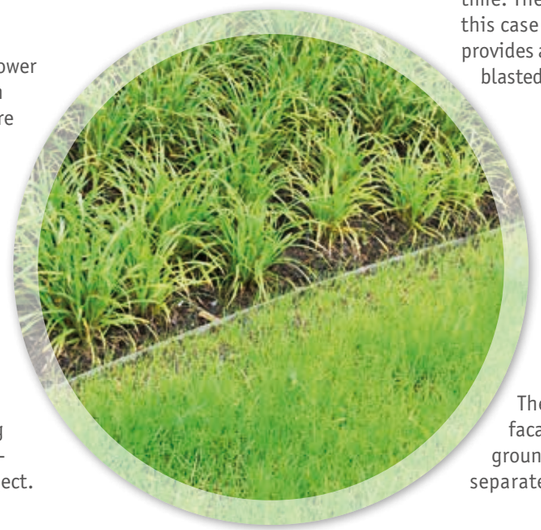
The name says it all: the red and green building ensemble draws you in with its oval facades. Custom-made Stabile drainage channels that trace the round shape of the building were installed to ensure proper dewatering.



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.

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.

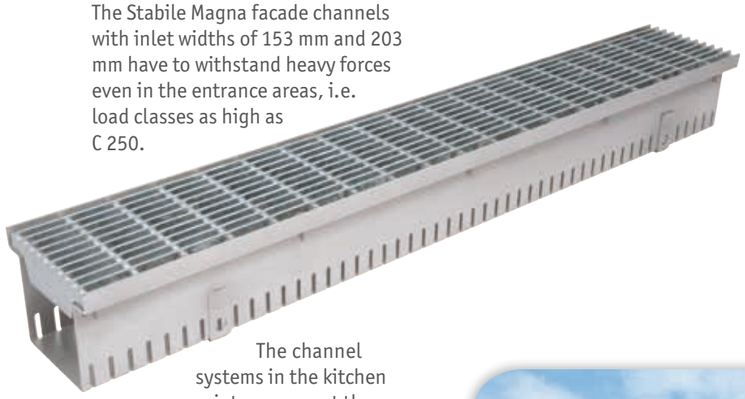
The 7×7 mm longitudinal bar gratings look solid and elegant at the same time. The mix of glass, steel and in this case protruding gravel also provides a rich contrast to the shot-blasted shine of the stainless steel.

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.

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 gratings were chosen. The robust gratings harmonise with the cobbled pavement as well as large-area, heavy slab materials.

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.

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

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.

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 terrace on the first floor features 119 running metres of dewatering channels, ten drainage gullies and two kidney-shaped beds.

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.

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.

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.

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

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.

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.

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.

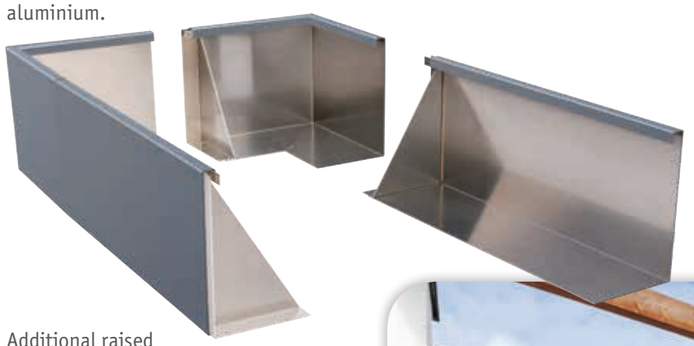
Raised beds and plant boxes were some of the themes at the GaLaBau 2016 trade fair when it came to urban landscaping. At the BGL’s exhibition booth, raised beds were presented not just as ornamental elements, but also as chef’s garden and herb garden beds. A special highlight came in the form of two 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).

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 separate green spaces with 140 running metres of plastic-coated aluminium.



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.

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.

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.

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.

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

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.

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.

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

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.

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

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.

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

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.

SeneCura Schladming

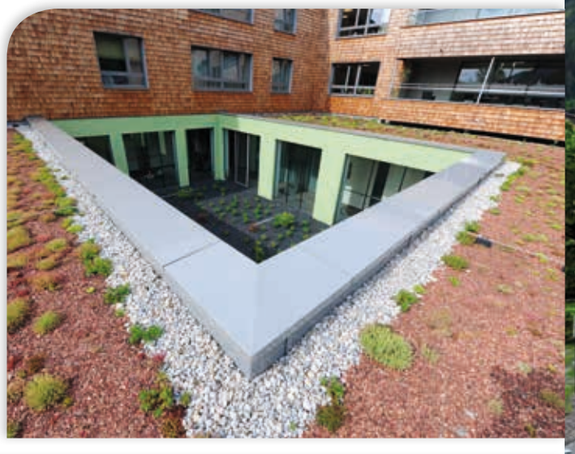
The look of the community centre in Schladming (Styria, Austria) boasts a mix of materials from traditional to minimalist and modern.
The contemporary building integrates nicely into the surrounding landscape thanks to its wood facade. The facade is protected by parapet coverings from Richard Brink.

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.



Westend campus Frankfurt

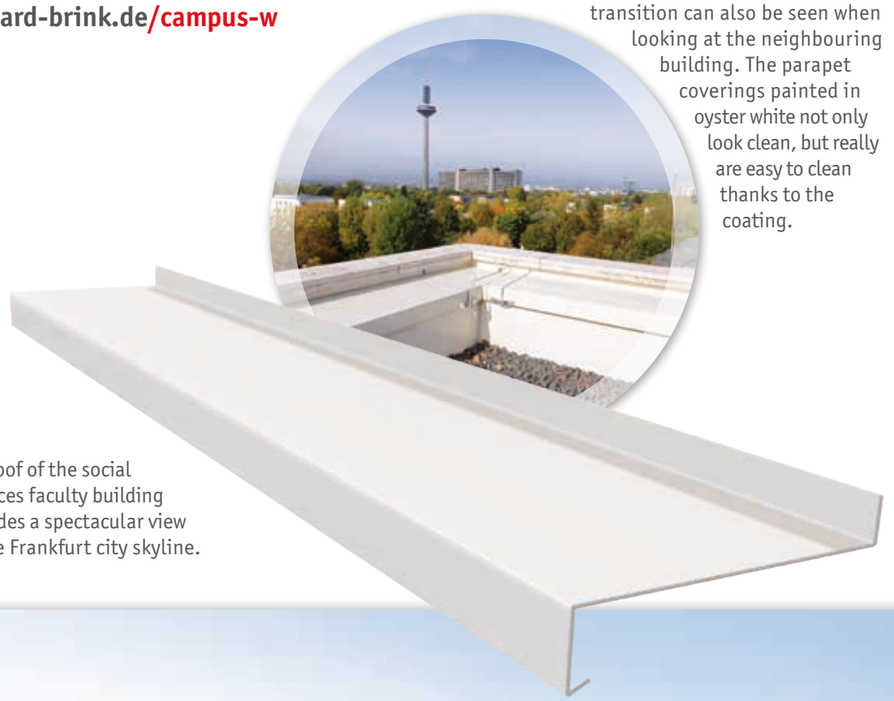
The new Goethe University campus consists of multiple buildings with natural stone facades. To create a visually seamless transition from the roof and facade, the colouring of the parapet coverings was specifically matched to the natural stone.

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.

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



The roof of the social sciences faculty building provides a spectacular view of the Frankfurt city skyline.

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 coating.

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.

Tested safety and quality!

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.

Richard Brink GmbH & Co. KG
Metalware Production and Sales

Germany

Görlitzer Straße 1
33758 Schloß Holte-Stukenbrock
Phone 0049 (0)5207 95 04-0
Fax 0049 (0)5207 95 04-20

request@richard-brink.de
order@richard-brink.de

Austria

Rosenheim 112 b
9805 Baldramsdorf
Phone 0043 (0)4762 75 00-0
Fax 0043 (0)4762 75 00-04

anfragen@richard-brink.at
bestellungen@richard-brink.at

Netherlands

Gisbert Schairtweg 28
5301 XC Zaltbommel
Phone 0031 (0)418 51 41 21
Fax 0031 (0)418 51 41 21

aanvragen@richard-brink.nl
bestellingen@richard-brink.nl

www.richard-brink.com

As of July 2018