

CIVILS

LANDSCAPING

AQUA

SPORT

The HAURATON range

# We are showing the rain the way to go

Everything for surface drainage and Storm Water Management

# **Innovation** is our passion.



## **Welcome at the innovative drainage specialist.**

Innovative drainage products from HAURATON make sure that water flows away in proper courses and that buildings remain safe all over the world. We have been developing and producing solutions for surface drainage over five decades, and distribute them worldwide with great success. Our strengths are the flexibility and individuality of a family-owned company with short lines of decision making and a consistent market orientation.



Southampton  
Container Port, UK

St.-Stephans-Basilika,  
Budapest, Hungary

Das Auge („the Eye“),  
Darmstadt, Germany

EasyCredit Stadium,  
Nuremberg, Germany

## CIVILS

Road construction and industrial sites make the highest possible demands on the load-bearing abilities of drainage channels. HAURATON offers a product family called FASERFIX, which meets all the demands. The fibre-reinforced concrete makes it possible to create extremely stable products with slim channel walls and reduced weight at the same time.

## LANDSCAPING

Garden design and landscaping make very different demands on drainage systems. HAURATON has the perfect answer with its Original RECYFIX channels. RECYFIX is a material made from 100 % recycled plastic. The material is very light and is easy to handle; parts can even be cut to size on site without any trouble.

## AQUA

Natural seepage of rainwater is hardly possible any more due to ever increasing sealing of residential and industrial areas. Seepage systems from HAURATON offer an intelligent solution to this. Rainwater is collected where it falls and gradually fed back into the natural cycle. The seepage tanks are suitable for use under-neath traffic areas in industrial and construction sites, but also in residential estates underneath areas used by private cars.

## SPORT

HAURATON offers a special range of products for stadiums and sports grounds, which are designed especially for the demands of sports facilities. The channels made from recycled plastic are constructed so as to prevent the sportspersons from injuring themselves. The products conform of course to all international standards at the same time.



# CIVILS



## Southampton Container Port, UK

As cargo ships have increased in length and in draft Southampton docks was no longer able to accommodate them. The project to deepen and combine Berths 201 and 202 into a super berth at 500m long and 16m deep allows Southampton to again accommodate even the largest of cargo vessels.

HAURATON supplied 1000 m of drainage channels from the CIVILS range which offer biggest drainage capacity and at the same time withstand the extreme loads. In Southampton Container Port 4 new Gantry cranes were installed. Each purpose built crane being capable of lifting 16 containers at once to 65 tonnes.





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# FASERFIX<sup>®</sup>SUPER

**Drainage channels for extreme loads and high dynamic forces.**

- massive channels made of fibre reinforced concrete
- for heavy duty applications
- 40 mm inlaying depths for grating brings extreme security





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# FASERFIX®KS

**Stable and efficient drainage channels for commercial and public areas**

- ❑ fibre reinforced concrete: high stability, reduced weight
- ❑ boltless locking system SIDE-LOCK
- ❑ corrosion protected angle housings made of galvanised or stainless steel





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## FASERFIX® BIG SLG

**Channels with concrete runner for highest wear resistance.**

- integrated concrete runner with KTL-coated ductile iron surface protection
- fibre reinforced concrete with compressive strength C50/60
- Ductile iron angle housing with 40 mm inlaying depth







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## FASERFIX®BIG BL

**Channels for heavy duty traffic with concrete runner for maximum stability.**

- ❑ 4 m length for efficient installation
- ❑ with static load evidence SLW 60 according DIN 1072
- ❑ Steel angle housing with 40 mm inlaying depth, 8-fold bolting and boltless locking system SIDE-LOCK





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## RECYFIX® PLUS X

**Drainage channels with a protective edge for areas with higher traffic flows.**

- highly stable
- the steel edge means it is easier to use on many applications including tarmac and also adds to the aesthetics
- an extensive range of channels and gratings up to NS 300





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# RECYFIX®NC

**Extremely stable and lightweight - linear drainage made of PE-PP for civil engineering.**

- channels made of PE-PP for civil engineering
- High stability with durable ductile iron grating (8-fold bolted)
- Low weight ensures easy handling on site
- prefabricated ready to install





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# RECYFIX® SUPER

**Light and robust drainage channels for industrial and public areas.**

- high stability for heavily trafficked areas
- quick and easy to install
- up to loading capacity E 600







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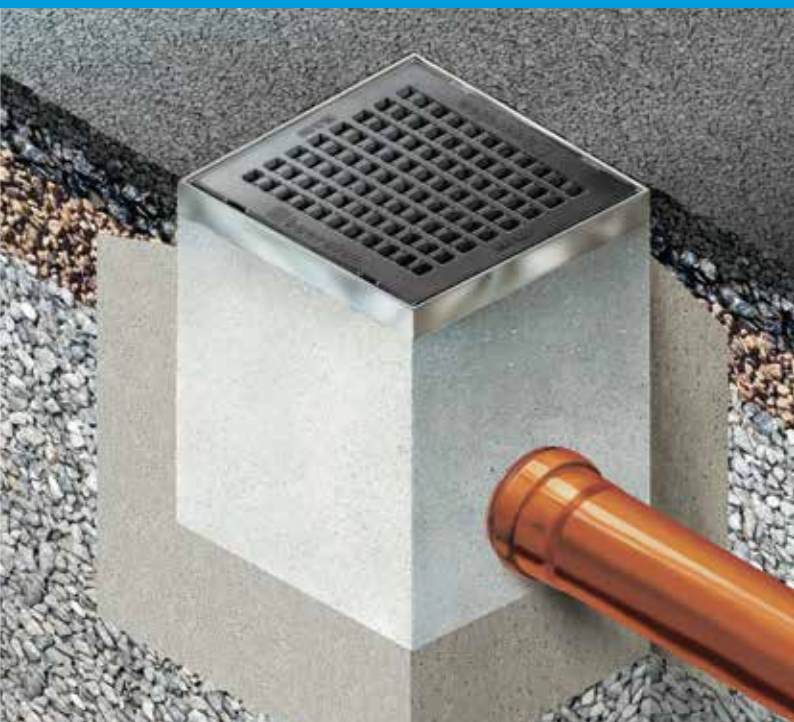
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# FASERFIX<sup>®</sup>POINT

**Stable point drainage for public and commercial areas.**

- has a protective steel frame which protects against corrosion
- the GUGI ductile iron grating gives it a high drainage capacity
- the range is complemented by an integrated KG sleeve, a foul air trap and a mud bucket





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# RECYFIX<sup>®</sup>HICAP<sup>®</sup>F

**Drainage system for extreme conditions with high hydraulic requirements.**

- ❑ Link&Lock facilitates installation
- ❑ channel body and funnel made of sustainable PE-PP, top inlet made of high-quality ductile iron
- ❑ large hydraulic performance with huge retention volume





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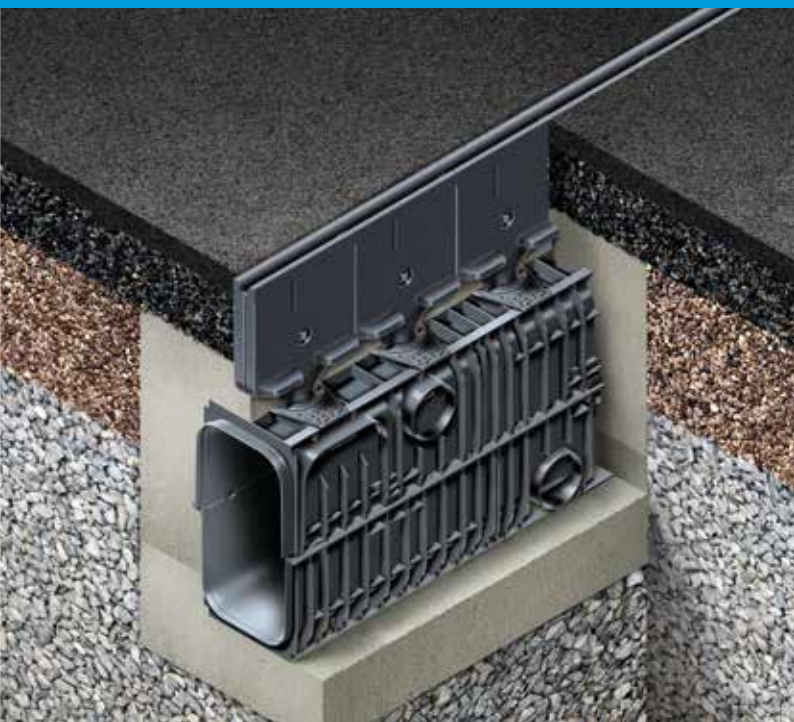
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# RECYFIX®HICAP®G

**Drainage system for extreme conditions with high hydraulic requirements for all kind of surfaces.**

- ❑ direct connection for all kind of surface layers
- ❑ channel body made of sustainable PE-PP, top inlet made of high-quality ductile iron
- ❑ large hydraulic performance with huge retention volume







## LANDSCAPING



**St. Stephen's Basilica** Hungary's largest church with **RECYFIX®PLUS** channels

The famous St. Stephen's Basilica can accommodate 8,500 people. Since its inauguration in 1905 it is the largest church in Hungary and one of the main tourist attractions with thousands of visitors every year. In front of the Basilica, drainage channels by HAURATON ensure that the many visitors don't get wet feet. The Local Authority opted for RECYFIX PLUS channels with GUGI ductile iron gratings for this location on the historic St. Stephen's Square.



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# RECYFIX®PRO

**Corrosion-free linear drainage for private and public areas.**

- ❑ channel made of PE-PP and grating made of high-quality PA-GF (Polyamide)
- ❑ drainage system according EN 1433
- ❑ lightweight, robust and easy to install

**100% corrosion-free**





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# RECYFIX®PLUS

**Linear drainage channels with a sophisticated look for public and commercial areas.**

- highly stable
- the steel edge means it is easier to use on many applications including tarmac and also adds to the aesthetics
- an extensive range of channels and gratings up to NS 300







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# RECYFIX® STANDARD

**Linear drainage channels for public and commercial areas.**

- ❑ made from recycled polypropylene making it environmentally friendly
- ❑ high resistance against frost and road salt
- ❑ very light which makes it quick and easy to install







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# Slotted channels

Slotted channels for design-sensitive applications

- cover only as thin line visible
- allows the design of a project in a common optic
- easy access to the channels through an access cover





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## FASERFIX® STANDARD

**Solid linear drainage channel for the easy self-installation predominately in private areas.**

- easy to install saving time and money
- manufactured of fibre reinforced concrete for strength
- resistant to frost and road salt





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# POINT

**Point drainage for yards, garages and patios.**

- simple point drainage
- with a high drainage capacity
- perfect for all yards, gardens and public places







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# DACHFIX®RESIST

**Reliable water retention capacity for terraces, facades and flat roofs.**

- efficient retention for sudden occurring water amounts
- effective protection of wall, doors and window elements
- barrier-free transition on all terraces

**100% corrosion-free**







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# RECYFIX®GREEN

**Turf reinforcement for infiltration of rainwater in parking areas.**

- the product is light and strong making it quick and easy to install
- helps to directly drain the rainfall
- the product when laid gives more than 90% of the area to turf





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# LINEFIX®

**Effective border edging of areas in gardens and parks.**

- an inconspicuous but highly effective divider
- much easier to install and handle than concrete kerbs
- installation can be straight or curved





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# TOP

**Cost effective linear drainage system for domestic use.**

- perfect for drives, garages and gardens
- easy to transport and quick to install
- end caps and installation advice make a complete system










# AQUA



## Das Auge (the Eye) in Darmstadt modern office architecture with **DRAINFIX®**BLOC

The Rhein-Main Technology Centre in Darmstadt, Germany, includes an architecturally eye-catching office building. It has been nicknamed 'das Auge' (the Eye), which reflects the shape of the building, which in plan reflects the shape of the human eye. Such a modern and sustainable building needs state-of-the-art, ecological concepts for rainwater drainage which is why the DRAINFIX BLOC Infiltration system by HAURATON was specified. This ensures that rainwater is returned to the groundwater and prevents any overloading of the drainage system.



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# DRAINFIX® CLEAN

**Effective and ecological rain water treatment through filter substratum channel.**

- Rainwater treatment with high cleaning performance
- high efficiency to keep back pollutants
- low operating costs, small maintenance demands





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# DRAINFIX®BLOC

**Reliable system for infiltration of rainwater with highest loads.**

- infiltration ditch with high storage capacity
- system for high installation depths, durable and permanent assured
- proofed static loading capacity up to SLW 60 for installation under driven areas







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# DRAINFIX®TWIN

**Infiltration of rainwater on smallest space under car-trafficked areas.**

- very large storage volume
- flexible installation alignment due to variable combinations
- combination of seepage and retention possible







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## AQUAFIX®

**Modern separation technology for sustainable preservation of vital resources.**

- highest cleaning performances
- modern materials for all demands
- up to NS 250 l/sec.





# SPORT



## Easy Credit Stadium

quickly converted with **SPORTFIX®** channels

This modern sports arena shows off its new size. In order to create more space for the fans, the stadium seating of the Easy Credit Stadium has been elevated and extended and the stadium's inner space lowered by 1.3 meters. The stadium is not only used for football matches, but also for athletics competitions (track and field). SPORTFIX products were selected for the running track, water ditch and long-jump pit. They comply with international standards and ensure that sportsmen and women are safe from injury. And the conversion from a football to an athletics ground can be carried out with minimum effort.





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# SPORTFIX® Channels

**Perfect drainage channel for IAAF accredited sports facilities.**

- channels made from recycled PE-PP
- variety of different ways of draining surfaces and running tracks
- products meet IAAF guidelines







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# RECYFIX®PRO

**Light and durable track drainage.**

- ❑ light and durable track drainage
- ❑ perfect drainage solution for school sport and public sports' facilities
- ❑ unique FIBRETEC Slotted grating made of PA





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# Artificial turf drainage

**Tightening and securing different types of artificial turf easily and neatly.**

- ❑ for applications like hockey pitches
- ❑ channels provide a dual function: drainage and securing of artificial turf
- ❑ Type PARIS for tightening, Type ROME for securing





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## **SPORTFIX®** Soft kerbs

**Edging of sand traps, shot-putting facilities and other sports areas.**

- ❑ for lining the edge of jump pits, sand pits as well as for the outer edge or running tracks
- ❑ rubber padding protects athletes and children from injuries
- ❑ available in heights from 200 up to 400 mm





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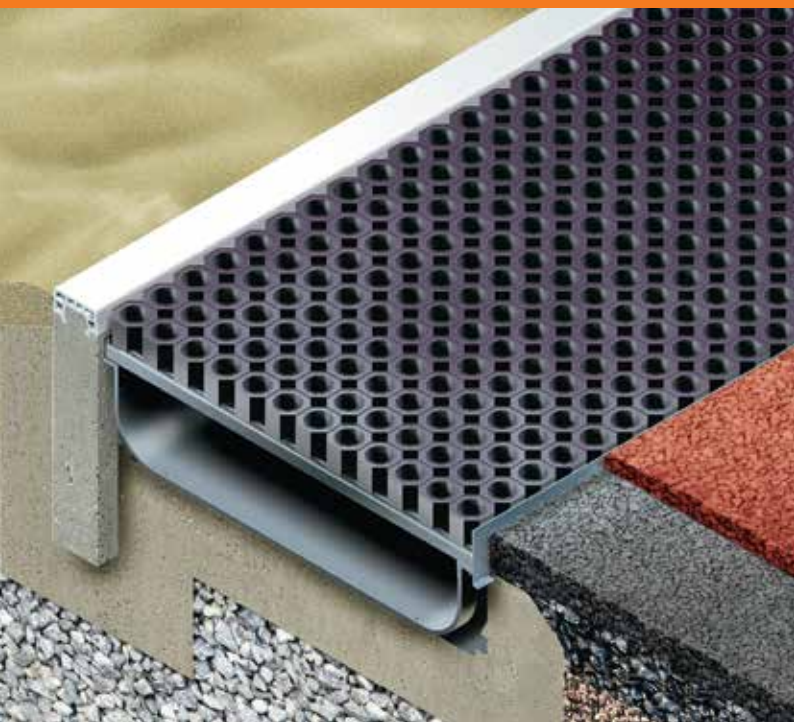
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## **SPORTFIX®** Sand traps

**Prevent athletes from spreading sand on to the running track.**

- prevent sand from being spread over the adjoining track surfaces
- a metal profile edge allows a neat connection of running track
- supplied complete with a mesh grating including a firmly fitted rubber mat







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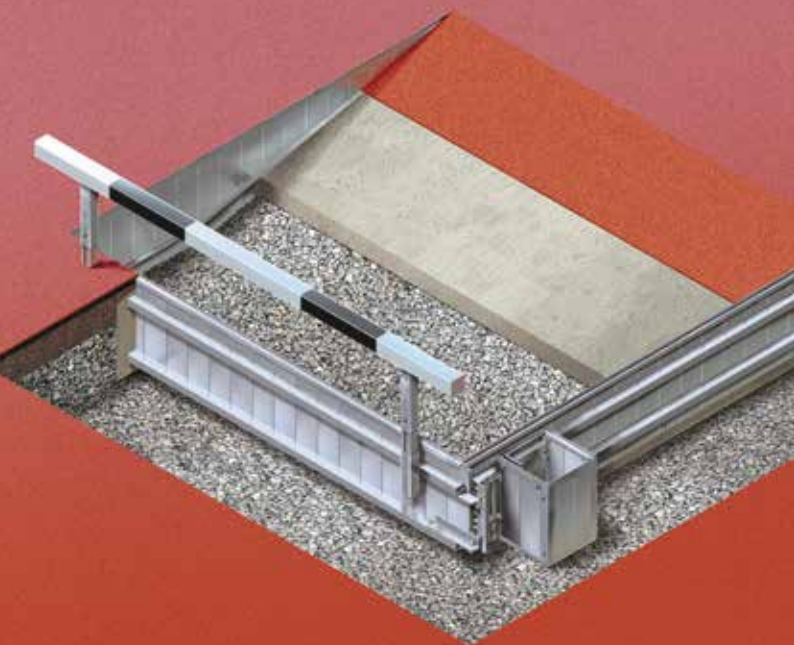
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# SPORTFIX® Water jump

**Water jump for steeplechases according IAAF requirements.**

- low weight ensures easy handling on site
- modular construction allows quick and easy assembling
- according IAAF requirements





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## **SPORTFIX®** Distribution shaft

**Distribution pits for electrical cables (type E) or water conduits (type W).**

- ❑ SPORTFIX Distribution shaft type E include provisions for electric and communication conductors on sport facilities
- ❑ SPORTFIX Distribution shaft type W hold fittings, measuring instruments and water pipes on sport facilities





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# SPORTFIX® Service Channels

**Cable management system for stadiums, race tracks and industrial applications.**

- ❑ Cable management system
- ❑ for the safe management of cables at stadiums, race tracks, industrial applications and telecommunication
- ❑ Robust non-slip ductile iron or bulb plate covers



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