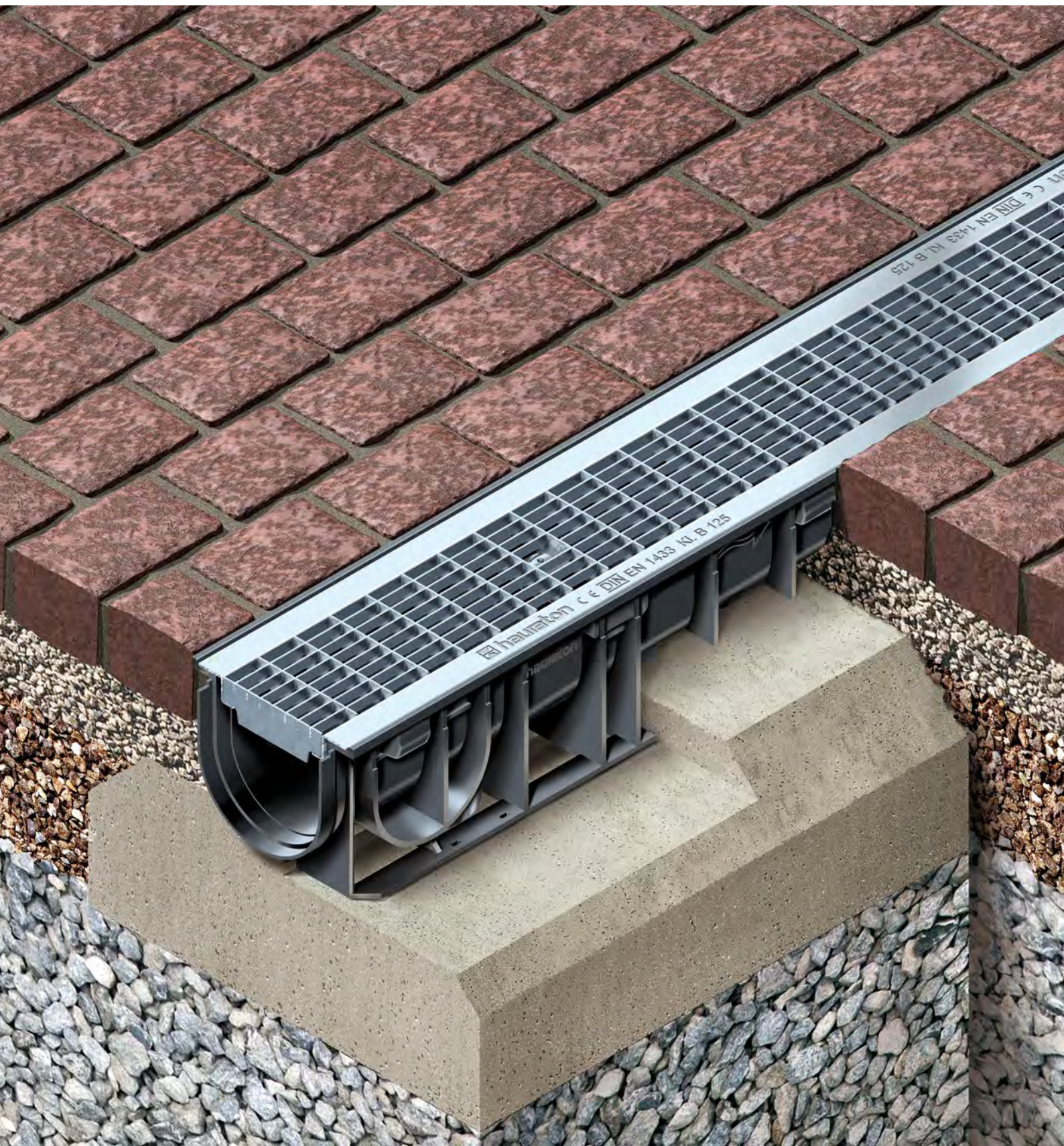




## RECYFIX STANDARD

Drainage channel for domestic applications around the house and garden.



# RECYFIX STANDARD

Drainage channel for domestic applications around the house and garden.

## 1 Requirements

Drainage channels in private areas have to

- permanently withstand the daily stress of cars and pedestrians
- be easy to transport and install
- withstand weather influences (frost, heat, humidity)
- be optically attractive
- be in accordance with DIN EN 1433 & AS 3996

## 2 Application areas

- predominantly private areas
- driveways
- courtyards
- terraces
- gardens
- parks

## 3 Solutions

Therefore RECYFIX STANDARD channels are suitable for the drainage of private areas

- high stability and functionality
- low weight
- preformed vertical and horizontal outlets
- nominal sizes from 100 to 300 mm with different heights
- stable gratings in loading classes A up to D according to DIN EN 1433 & AS 3996



Public area, Romania



Water fun park



Veszprem Arena in Hungary



Spa Fürthermare in Fürth, Germany



Private house



Street in Hungary

RECYFIX®  
PRO

RECYFIX®  
PLUS

RECYFIX®  
STANDARD

Facade Drainage

SLOTTED  
CHANNELS

RECYFIX® POINT  
FASERFIX® POINT

RECYFIX®  
GREEN

LINEFIX

TOP X

# YOUR BENEFITS WITH **RECYFIX STANDARD**

## FRAME SYSTEM

- PP frame to stop lateral movements
- enables flush connection with gratings which prevents injuries

**= QUALITY & PERFORMANCE ASSURED**



## HIGH-GRADE MATERIAL

- **RECYFIX** – stable and almost unbreakable
- elastic and especially robust material
- withstands high loads and temperature differences in daily use
- 100 % recycled composite body (and also 100 % recyclable)  
→ 100 % environmentally friendly
- 0 % water absorption
- smooth inner surface for superior flow characteristics
- PP channel body can be cut, drilled and worked easily on site

**= QUALITY & PERFORMANCE ASSURED**



## LOW WEIGHT ENSURES EASY HANDLING ON SITE

- much lighter than channels made of polymer/resin concrete
- easy transport and installation

**= TIME & COST SAVINGS**



## NUMEROUS GRATING OPTIONS

- made of ductile iron, galvanised or stainless steel
- narrow slot width for pedestrian areas available
- stable gratings in loading classes A up to D according to AS 3996

**= DESIGN FLEXIBILITY**



## PRE-ASSEMBLED READY FOR INSTALLATION

- channel and grating = one part
- no spare parts
- easy handling in stock and on construction site
- cost-efficient transport

**= BETTER GROSS MARGIN**



## HIGH RESISTANCE

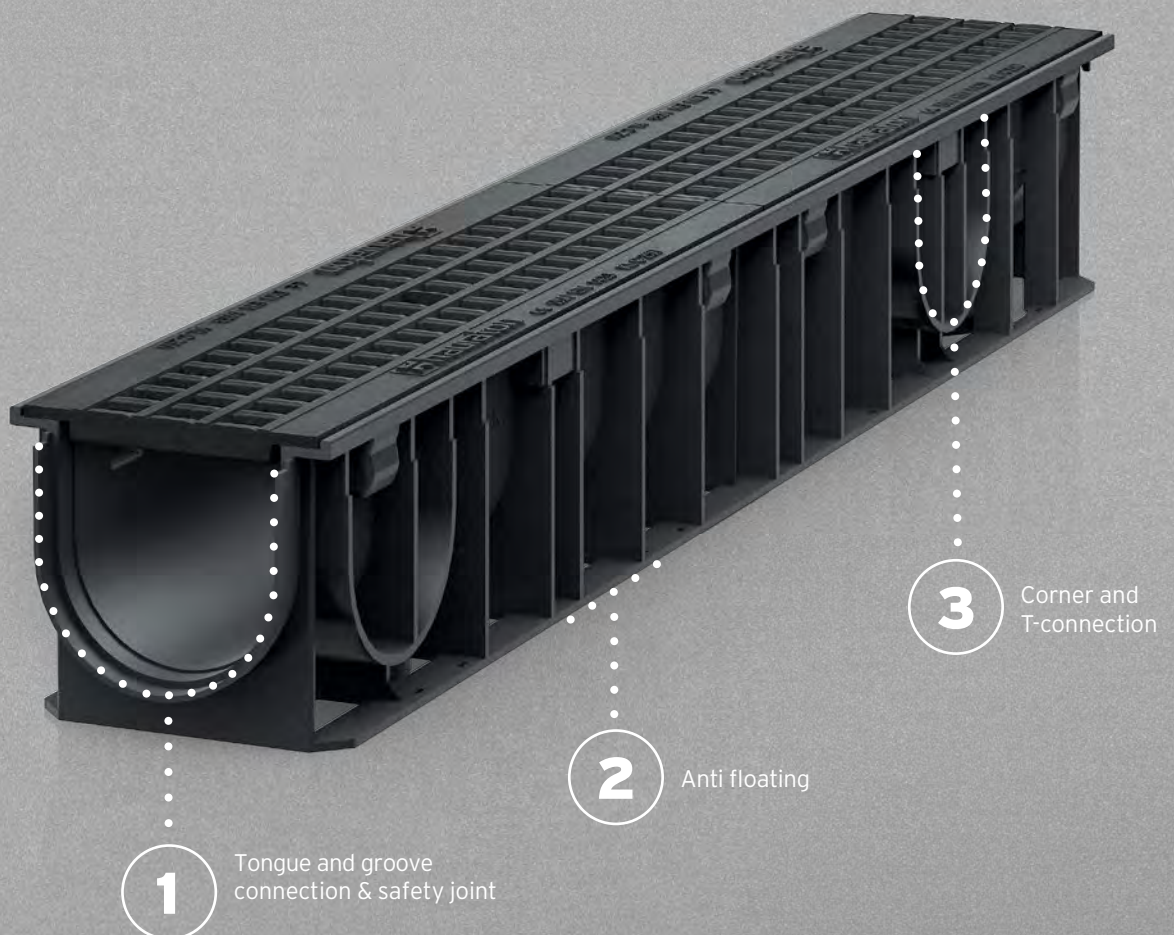
- high resistance against frost, de-icing salt and UV-rays
- withstands high temperature differences
- for climate ranges from - 50 °C to + 80 °C and more

**= QUALITY ASSURED / LONGEVITY**



**IDEAL FOR ...**

domestic applications around the house and garden, such as predominantly private areas, driveways, courtyards, gardens and parks.










**The Original**

# RECYFIX STANDARD

Drainage channel for domestic applications around the house and garden.

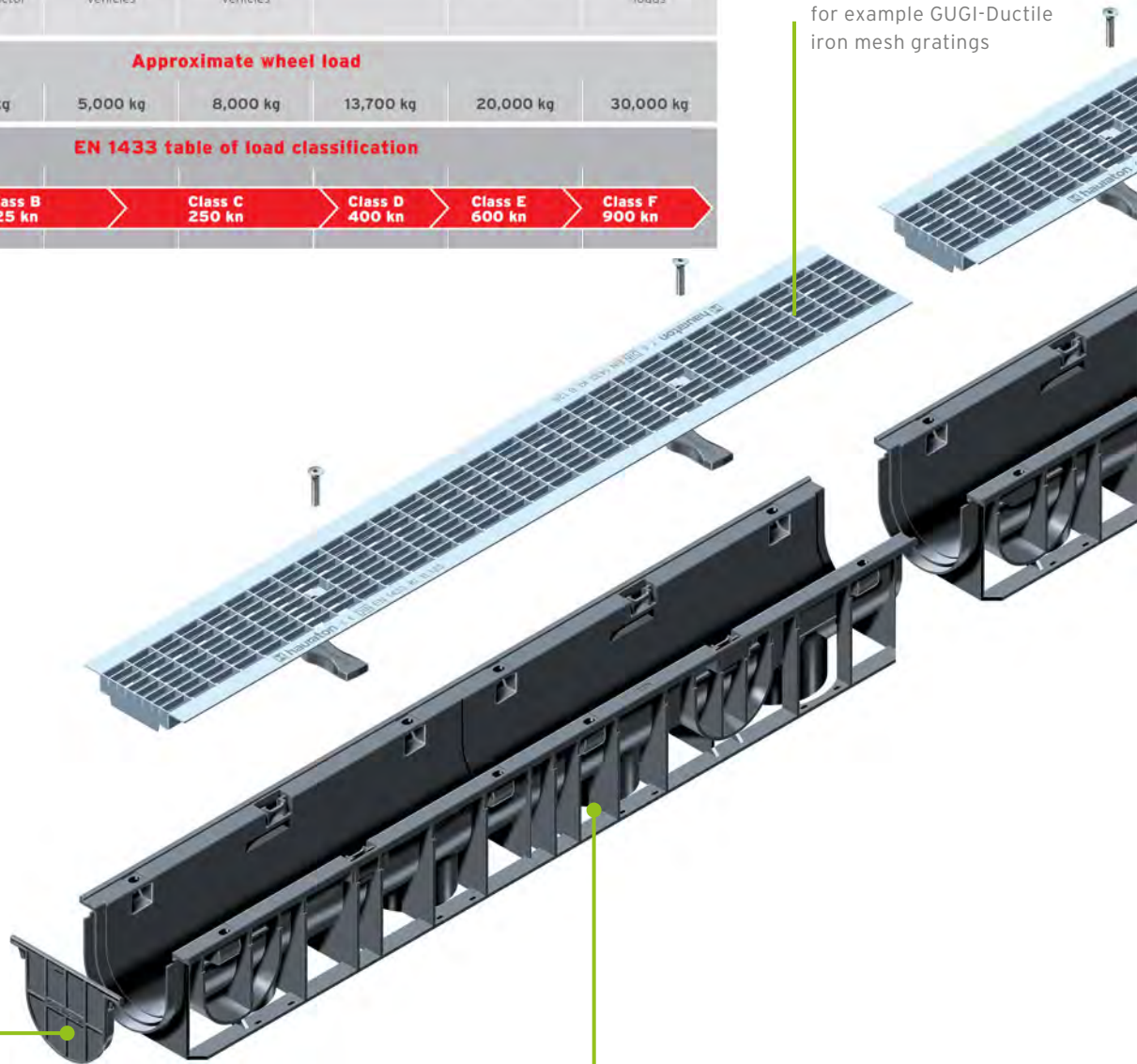
RECYFIX STANDARD channels meet the requirements of DIN EN 1433 & AS3996 and are suitable for the following load categories;

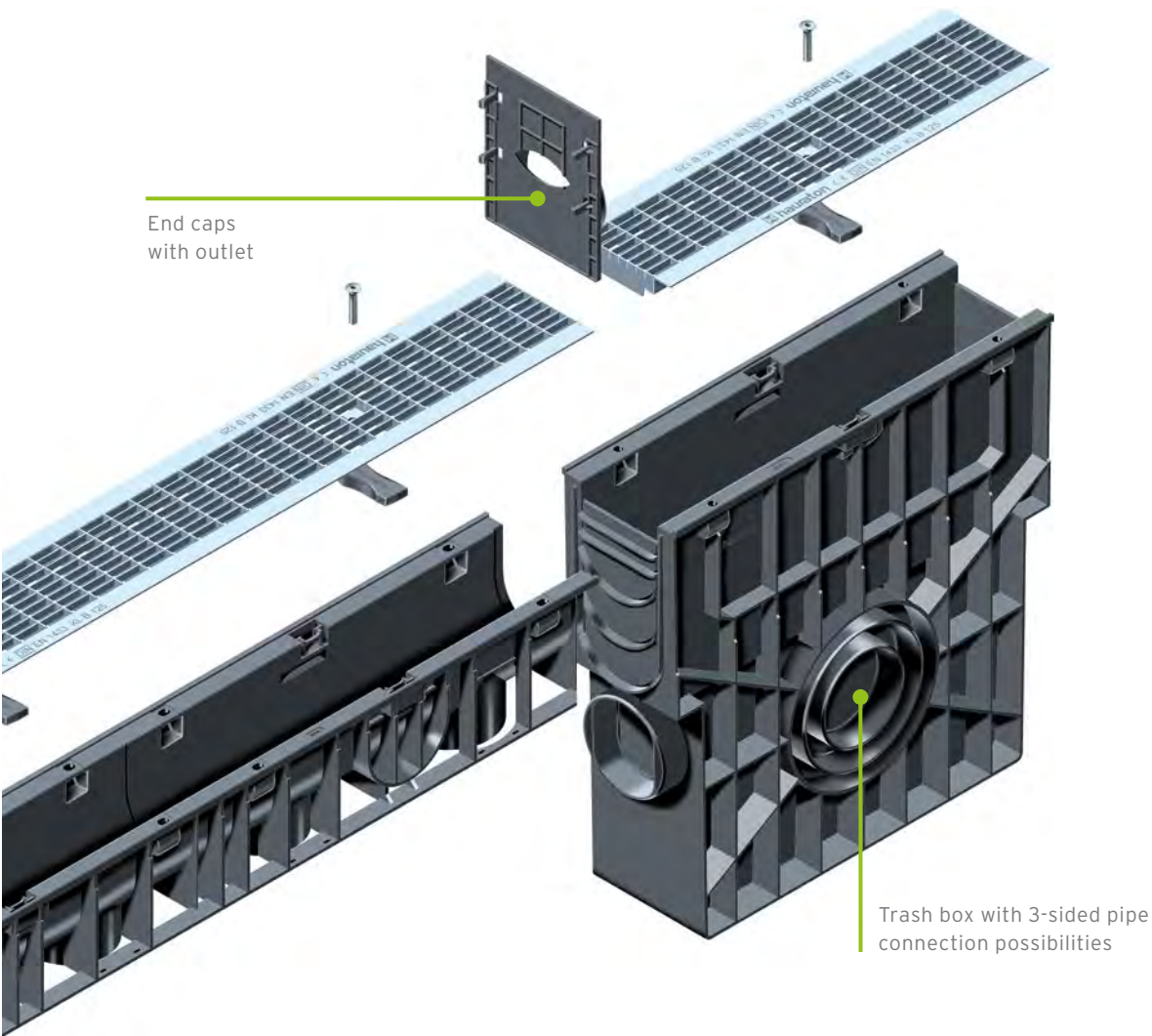
AS 3996 table of load classification						
						
<b>Load Class A</b>	<b>Load Class B</b>	<b>Load Class C</b>	<b>Load Class D</b>	<b>Load Class E</b>	<b>Load Class F</b>	<b>Load Class G</b>
10 kN	80 kN	150 kN	210 kN	400 kN	600 kN	900 kN
Extra light duty	Light duty	Medium duty	Heavy duty	Extra heavy duty	Extra heavy duty	Extra heavy duty
Typical uses						
Footways and areas accessible only to pedestrians and cyclists	Footways that can be mounted by vehicle or livestock and light tractor paths	Malls and pedestrian areas open to slow moving commercial vehicles	Carriageways of roads and areas open to commercial vehicles	General docks and aircraft pavements	Docks and aircraft pavements subject to high wheel loads	Docks and aircraft pavements subject to very high wheel loads
Approximate wheel load						
330 kg	2,670 kg	5,000 kg	8,000 kg	13,700 kg	20,000 kg	30,000 kg
EN 1433 table of load classification						
<b>Class A</b>	<b>Class B</b>	<b>Class C</b>	<b>Class D</b>	<b>Class E</b>	<b>Class F</b>	
15 kn	125 kn	250 kn	400 kn	600 kn	900 kn	

Numerous grating options, for example GUGI-Ductile iron mesh gratings

End caps without outlet

Channels made of PP, according to DIN V 19580 / EN 1433, CE-conform, with tongue and groove connection for exact installation





The construction widths and heights of the **RECYFIX STANDARD**:



Nominal width

100

150

200



Type 01	150	134	106	210	192	164	-	-	-
Type 020	-	-	-	-	-	-	256	235	207



Width/height/inner height (in mm)

RECYFIX®  
PRO

RECYFIX®  
PLUS

RECYFIX®  
STANDARD

Facade Drainage

SLOTTED  
CHANNELS

RECYFIX® POINT  
FASERFIX® POINT

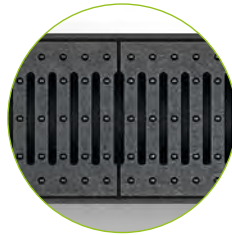
RECYFIX®  
GREEN

LINEFIX

TOP X

## Grating options

### RECYFIX STANDARD 100



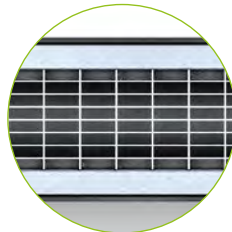
#### Ductile iron gratings

Slot width: 80 x 6 mm



#### GUGI ductile iron gratings

Mesh width: 15 x 25 mm



#### Mesh gratings, galvanised steel

Mesh width: 30 x 10 mm



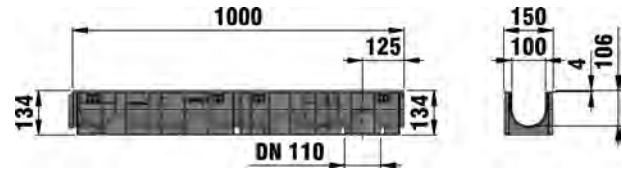
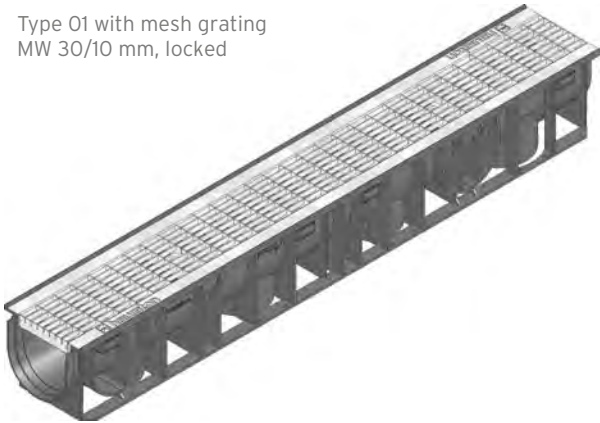
#### Slotted gratings, stainless steel

Slot width: 75 x 9 mm

# RECYFIX®STANDARD 100

## RECYFIX®STANDARD 100, class B 125 Kn

Type 01 with mesh grating  
MW 30/10 mm, locked

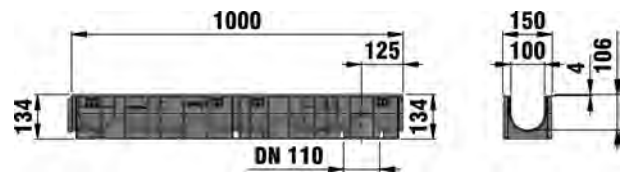
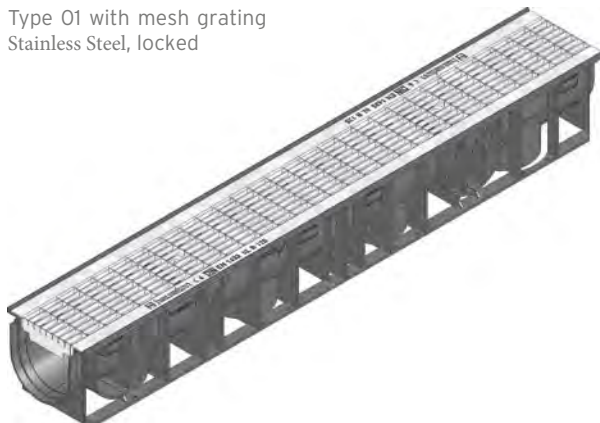


	Length mm	Width mm	Height mm	Internal channel cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Item-No.	Item-No. Reece
Type 01 with slotted grating SW 9 mm, locked	1000	150	134	92	280	4,00	40231	1911400

FIS Minimum Order quantity 1 x pallet = 49 pieces  
\*Smaller quantities are available on request by adding a freight charge

## RECYFIX®STANDARD 100, class B 125 Kn

Type 01 with mesh grating  
Stainless Steel, locked



	Length mm	Width mm	Height mm	Internal channel cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Item-No.	Item-No. Reece
Type 01 with mesh grating , Stainless Steel, locked, heel Guard	1000	150	134	92	650	5,10	47316	1911401

FIS Minimum Order quantity 1 x pallet = 49 pieces  
\*Smaller quantities are available on request by adding a freight charge

RECYFIX®  
PRO

RECYFIX®  
PLUS

RECYFIX®  
STANDARD

Facade Drainage

SLOTTED  
CHANNELS

RECYFIX® POINT  
FASERFIX® POINT

RECYFIX®  
GREEN

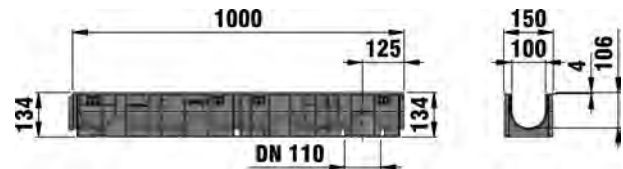
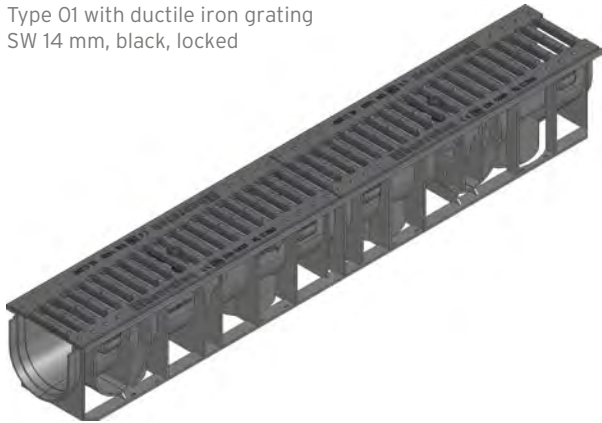
LINEFIX

TOP X

# RECYFIX®STANDARD 100

## RECYFIX®STANDARD 100, class D 250Kn

Type 01 with ductile iron grating  
SW 14 mm, black, locked



	Length mm	Width mm	Height mm	Internal channel cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Item-No.	Item-No. Recce
Type 01 with GUGI-Ductile iron mesh grating MW 15/25 mm, black, locked	1000	150	134	92	444	7,10	40234	1911402
Type 01 with ductile iron grating, SW 6 mm, locked, heel guard	1000	150	134	92	290	8,30	41230	1911403

FIS Minimum Order quantity 1 x pallet = 49 pieces  
\*Smaller quantities are available on request by adding a freight charge

## End caps



End cap, closed for type 01



End cap combined made of PP  
with outlet DN/OD 110, type 01

	Length mm	Width mm	Height mm	Weight kg	Item No.	Item-No. Recce
End cap, closed for type 01	-	150	108	0,00	48081	1911404
End cap with outlet DN/OD 110 for type 01	-	148	185	0,10	48091	1911405

# RECYFIX® STANDARD 100

## Optional Accessories

### Trash boxes



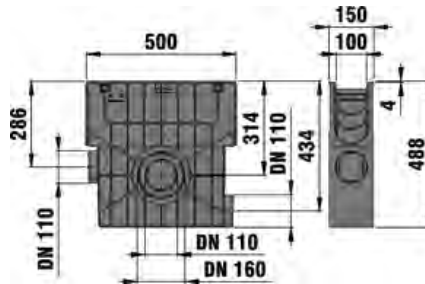
Trash box with mud bucket and slotted grating, galvanised, trafficable, locked



Trash box with plastic bucket, with mesh grating, MW 30/10 mm trafficable, locked



Trash box with plastic bucket and GUGI-Ductile iron mesh grating MW 15/25 mm, black, class C 250, locked



	Length mm	Width mm	Height mm	Weight kg	Item-No.	Item-No. stainless steel
Trash box with plastic bucket, with mesh grating, MW 30/10 mm trafficable, locked	500	150	488	5,60	48057	-
Trash box with plastic bucket, with mesh grating, MW 30/10 mm, Stainless Steel, class B 125, locked	500	150	488	5,80	-	48058
Trash box with plastic bucket and GUGI-Ductile iron mesh grating MW 15/25 mm, black, class C 250, locked Suits 40234	500	150	488	7,20	40259	-
Trash box with plastic bucket, ductile iron grating SW 6 mm, black, class C 250, locked Suits 41230	500	150	488	7,50	48054	-

RECYFIX®  
PRO

RECYFIX®  
PLUS

RECYFIX®  
STANDARD

Facade Drainage

SLOTTED  
CHANNELS

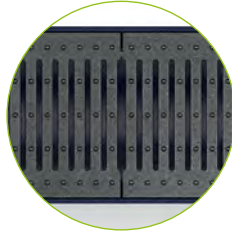
RECYFIX® POINT  
FASERFIX® POINT

RECYFIX®  
GREEN

LINEFIX

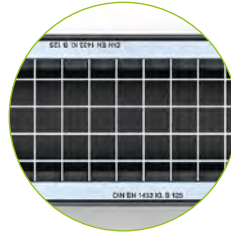
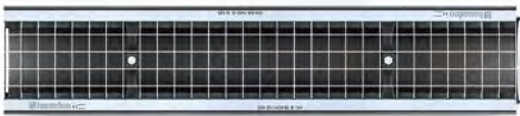
TOP X

## Grating options **RECYFIX STANDARD 150**



### **Ductile iron gratings**

Slot width: 130 x 6 mm



### **Mesh gratings, galvanised**

Mesh width: 30 x 30 mm



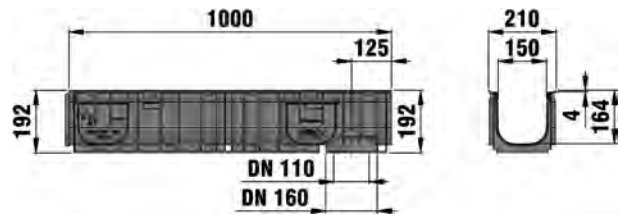
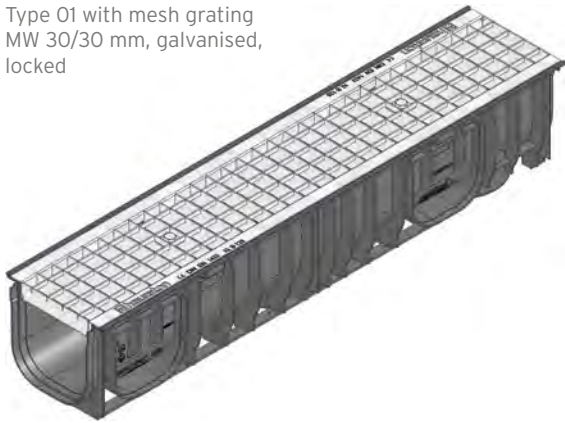
### **Slotted gratings, stainless steel**

Slot width: 75 x 9 mm

# RECYFIX®STANDARD 150

## RECYFIX®STANDARD 150, class B 125Kn

Type 01 with mesh grating  
MW 30/30 mm, galvanised,  
locked

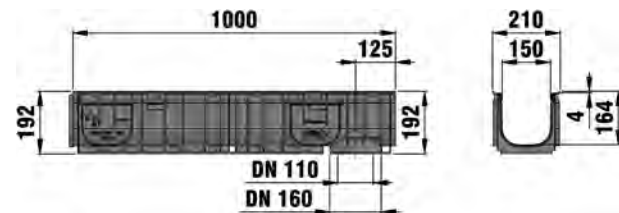
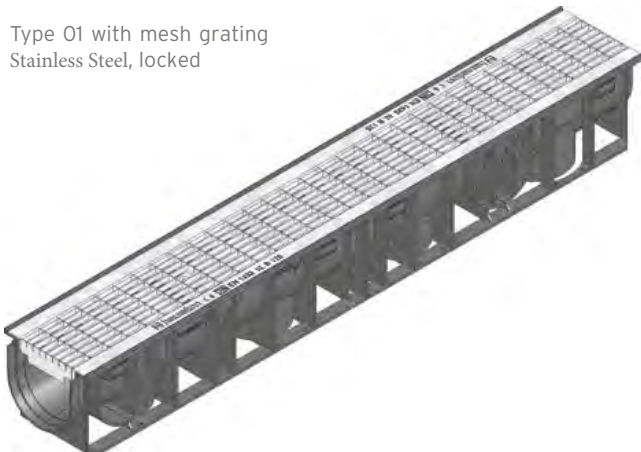


	Length mm	Width mm	Height mm	Internal channel cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Item-No.	Item-No. Recce
Type 01 with mesh grating MW 30/30 mm, galvanised, locked	1000	210	192	225	1081	7,70	40171	1911406

FIS Minimum Order quantity 1 x pallet = 25 pieces  
\*Smaller quantities are available on request by adding a freight charge

## RECYFIX®STANDARD 150, class B 125Kn

Type 01 with mesh grating  
Stainless Steel, locked



	Length mm	Width mm	Height mm	Internal channel cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Item-No.	Item-No. Recce
Type 01 with mesh grating Stainless Steel, locked, heel guard	1000	150	134	92	650	5,10	47316	1911407

FIS Minimum Order quantity 1 x pallet = 25 pieces  
\*Smaller quantities are available on request by adding a freight charge

RECYFIX®  
PRO

RECYFIX®  
PLUS

RECYFIX®  
STANDARD

Facade Drainage

SLOTTED  
CHANNELS

RECYFIX® POINT  
FASERFIX® POINT

RECYFIX®  
GREEN

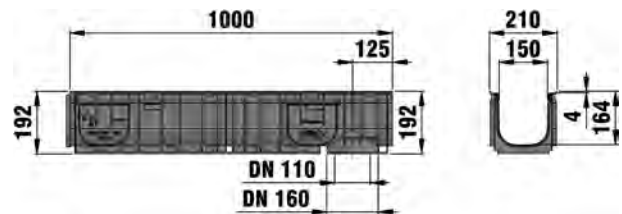
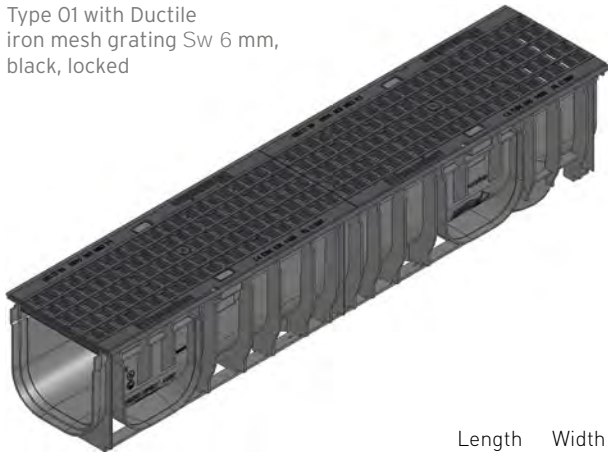
LINEFIX

TOP X

# RECYFIX®STANDARD 150

## RECYFIX®STANDARD 150, class D 250Kn

Type 01 with Ductile iron mesh grating Sw 6 mm, black, locked



	Length mm	Width mm	Height mm	Internal channel cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Item-No.	Item-No. Recce
Type 01 with ductile iron grating black, SW 6 mm, locked, heel guard	1000	210	192	225	400	14,00	40176	1911408

FIS Minimum Order quantity 1 x pallet = 25 pieces

\*Smaller quantities are available on request by adding a freight charge

## End cap



End cap combined made of PP  
with outlet DN/OD 75/110,  
type 01

	Length mm	Width mm	Height mm	Weight kg	Item No.	Item-No. Recce
End cap combined made of PP with outlet DN/OD 75/110, type 01	-	210	203	0,10	40191	1911409

# RECYFIX® STANDARD 150

## Optional Accessories

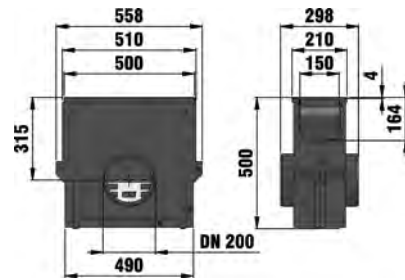
### Trash boxes



Trash box with galvanised bucket, with mesh grating MW 30/10 mm, galvanised, class B 125, locked



Trash box with galvanised bucket with Ductile iron mesh grating MW 15/25 mm, black, class C 250, locked



	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with galvanised bucket, with mesh grating MW 30/30 mm, galvanised, class B 125, locked	500	210	500	20,00	40154
Trash box with galvanised mud bucket, with ductile iron grating black, SW 6 mm, locked	500	210	500	20,10	40157

RECYFIX®  
PRO

RECYFIX®  
PLUS

RECYFIX®  
STANDARD

Facade Drainage

SLOTTED  
CHANNELS

RECYFIX® POINT  
FASERFIX® POINT

RECYFIX®  
GREEN

LINEFIX

TOP X

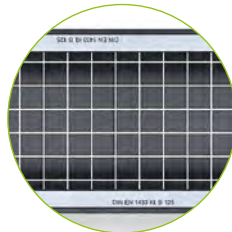
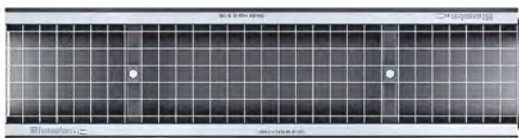
## Grating options

### RECYFIX STANDARD 200



#### Ductile iron gratings

Slot width: 180 x 6 mm



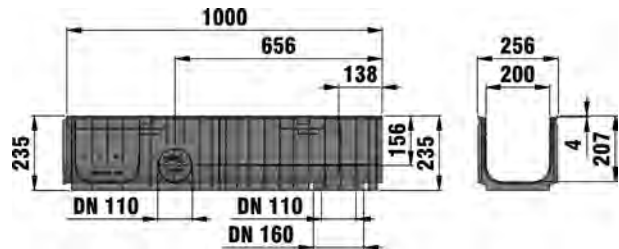
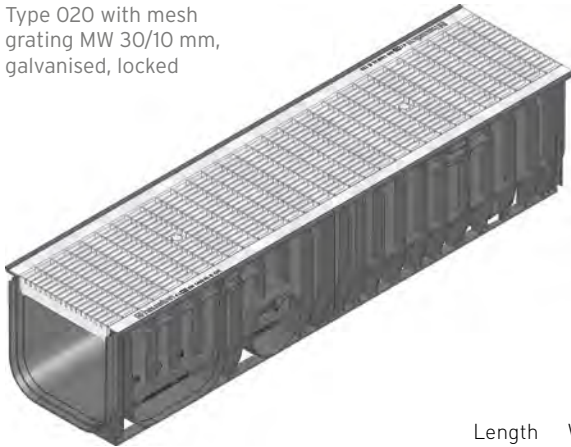
#### Mesh gratings

Mesh width: 30 x 30 mm

# RECYFIX®STANDARD 200

## RECYFIX®STANDARD 200, class B 125Kn

Type 020 with mesh grating MW 30/10 mm, galvanised, locked



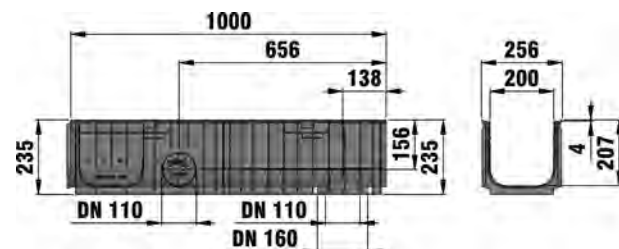
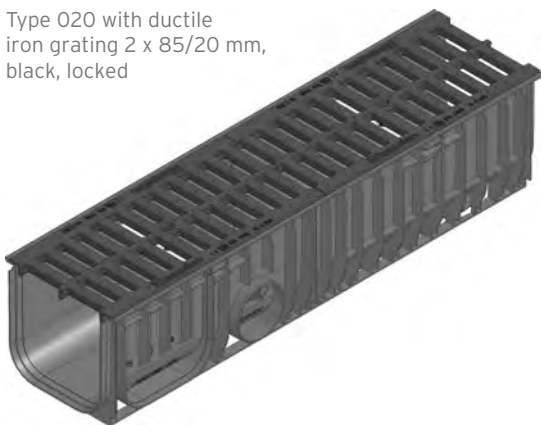
Length mm	Width mm	Height mm	Internal channel cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Item-No.	Item-No. Recce
--------------	-------------	--------------	---	---	--------------	----------	-------------------

Type 020 with mesh grating MW 30/30 mm, galvanised, locked	1000	256	235	394	1620	9,70	40676	1911410
--	------	-----	-----	-----	------	------	-------	---------

FIS Minimum Order quantity 1 x pallet = 20 pieces  
\*Smaller quantities are available on request by adding a freight charge

## RECYFIX®STANDARD 200, class D 250Kn

Type 020 with ductile iron grating 2 x 85/20 mm, black, locked



Length mm	Width mm	Height mm	Internal channel cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Item-No.	Item-No. Recce
--------------	-------------	--------------	---	---	--------------	----------	-------------------

Type 020 with ductile iron grating, SW 6 mm, locked, heel guard	1000	256	235	394	557	18,10	40689	1911411
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FIS Minimum Order quantity 1 x pallet = 25 pieces  
\*Smaller quantities are available on request by adding a freight charge

RECYFIX®  
PRO

RECYFIX®  
PLUS

RECYFIX®  
STANDARD

Facade Drainage

SLOTTED  
CHANNELS

RECYFIX® POINT  
FASERFIX® POINT

RECYFIX®  
GREEN

LINEFIX

TOP X

# RECYFIX® STANDARD 200

## End caps



End cap combined made of PP closed / with outlet DN/OD 110, Type 010

Length mm	Width mm	Height mm	Weight kg	Item No.	Item-No. Recce
--------------	-------------	--------------	--------------	-------------	-------------------

End cap closed, FASERFIX KS type 01/RECYFIX PLUS type 020/ RECYFIX STANDARD type 020	-	260	275	1,10	12081	1911412
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## Accessories

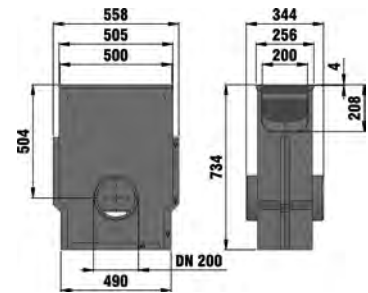
### Trash boxes



Trash box with mesh grating MW 30/30 mm, galvanised, class B 125, locked



Trash box with GUGI-Ductile iron mesh grating MW 15/25 mm, black, class C 250, locked



Length mm	Width mm	Height mm	Weight kg	Item No.
--------------	-------------	--------------	--------------	-------------

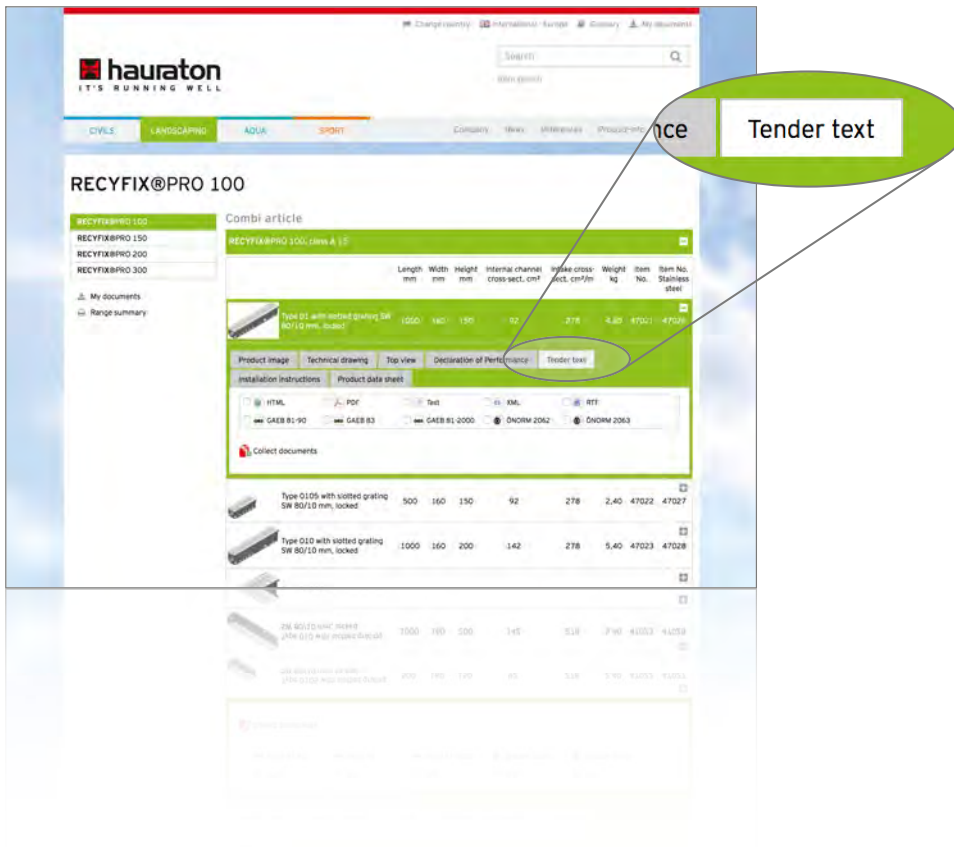
Trash box with mesh grating MW 30/30 mm, galvanised, class B 125, locked	500	256	734	28,30	40656
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Trash box with galvanised mud bucket and ductile iron grating, SW 6 mm, locked	500	256	734	32,30	40693
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# Your way to the tender text on hauraton.com

## 1 Go to the product page.

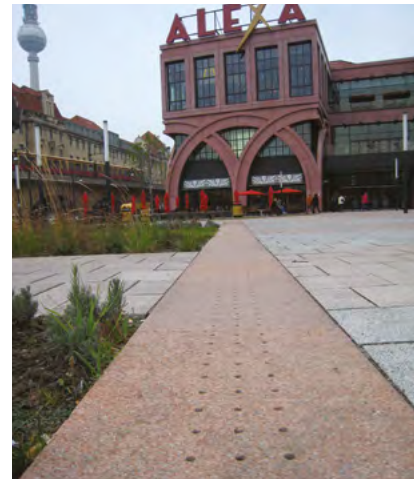
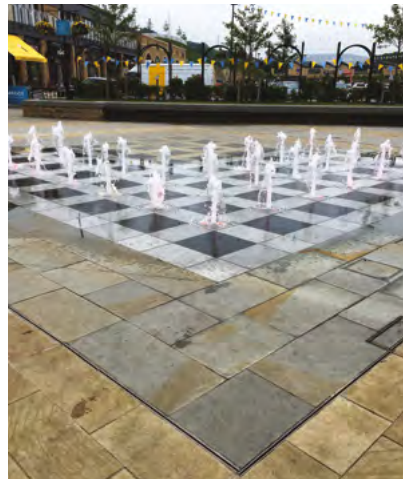
- Choose your item.



## 2 Choose required format and add it to your documents

## 3 Download tender text

- Go to „My documents“.



# Total Support

## Projects Team

**GRAF & Hauraton** provides close support to ensure drainage design, specification and installation is quick, efficient and cost-effective.

A team of regional, specification and project managers are available to assist industry professionals at every stage of the construction process. Refer to **GRAF Australia** for contact details [www.GRAFAustralia.com.au](http://www.GRAFAustralia.com.au)

A multinational company, HAURATON has production facilities, subsidiary offices, technical engineers and partners located in many countries and regions of the world.

HAURATON has the knowledge, experience and resources to manage and support all projects successfully, regardless of location.

## Design Service

HAURATON offers a comprehensive design service for all product ranges. This is available free of charge and without obligation.

Our approach is to provide innovative 'value-engineered' designs to achieve the most cost-effective drainage solution for the benefit of all parties.

Design proposals can be provided within 24 - 48 hours, depending on the size of the project. Information offered includes:

- Hydraulic calculations for each channel run
- System configuration drawings
- Parts list schedules
- Product dimension drawings
- System installation drawings
- Product and material technical datasheets
- Other technical and support information

Feel free to contact us should you require assistance.



# Design Software

## Hydraulic Design Software

HAURATON provides a comprehensive design service, which is free of charge.

Our channel drainage configurations are designed and sized using 'hydraulic design software' specifically developed for HAURATON systems.

The formula used within the software is based on that determined by Gauckler-Manning-Strickler. Accuracy has been verified by physical testing of HAURATON systems within a hydraulic discharge test flume, replicating and evaluating hundreds of flow scenarios.

HAURATON 'hydraulic design software' has been used successfully in-house by our technical personnel and partners for over 30 years with total reliability.

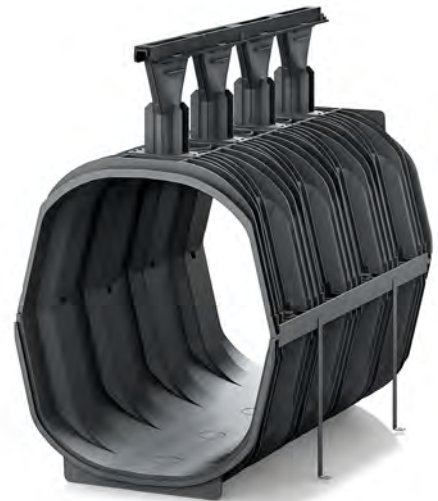
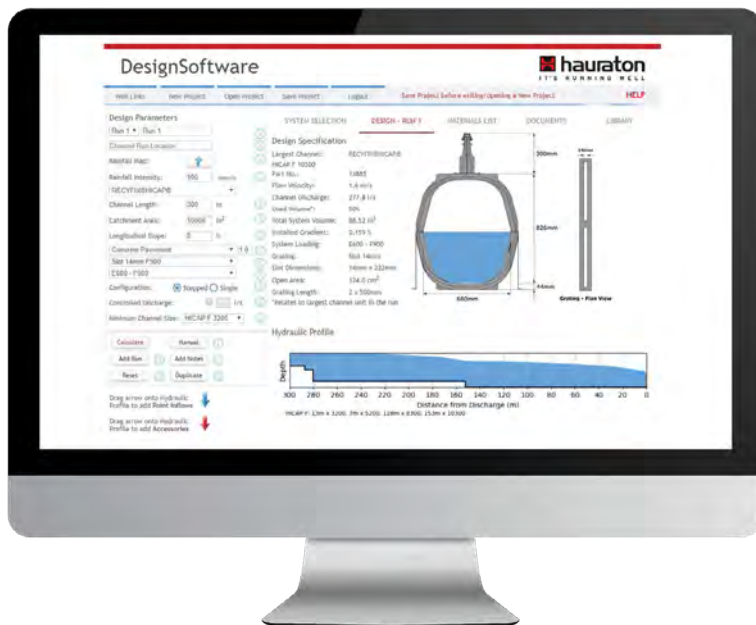
## HAURATON DesignSoftware

User-friendly and free-of-charge, our web-based application 'DesignSoftware' provides construction industry professionals with quick, simple hydraulic analysis, channel sizing, project design and product specification for the company's core range of surface drainage systems (for landscape, commercial and civils projects) whilst working on their own desk-top and lap-top computers.

HAURATON 'DesignSoftware' provides engineers with the flexibility to create their own drainage designs, with just three clicks to a hydraulic calculation.

Follow the link below to register and use the software:

<https://hydraulicdesign.hauraton.com/register/>



# Quality Assurance

## High Standards

HAURATON products and procedures bring quality assurance.

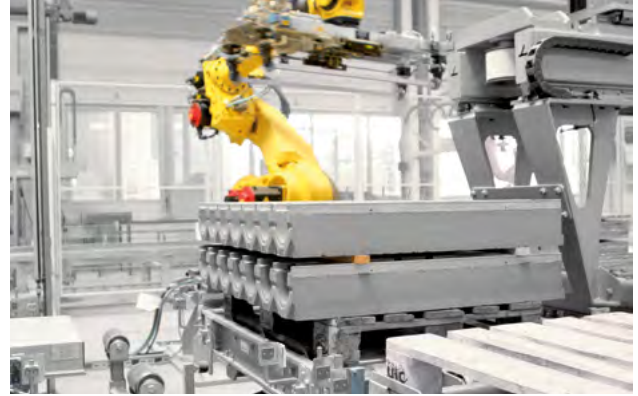
The company operates in accordance with EN ISO 9001: 2015. Production within modern, mechanised facilities in Europe is carefully monitored and controlled to achieve consistent product quality.

HAURATON drainage channels have been independently tested for load capacity and watertightness in accordance with the European Standard EN 1433: 2002. Systems are CE marked for quality assurance.

## Proven Performance

Supplied for over sixty years and twenty-five years respectively, **RECYFIX®** systems have proven performance, having been used successfully on major projects around the world. Individual project case studies are available from HAURATON.

HAURATON has a reputation for products of the highest quality, durability and reliability.



CIVILS

LANDSCAPING

AQUA

SPORT



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