



hauraton

TRENCH DRAIN & GRATING SYSTEM



“All in One Trench Drain and Grating Solution”

YOUR BENEFITS WITH **RECYFIX® CHANNELS** compared to local in-situ solutions

ANGLE HOUSING

- PP frame 20 x 20 mm acc. to DIN 1433 for additional flexibility and protection
- nibs to stop lateral movements
- inlaying gratings

= 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



HIGH RESISTANCE

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

**= QUALITY ASSURED /
LONGEVITY**



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
- non-conductive
- PP channel body can be cut, drilled and worked easily on site

= QUALITY & PERFORMANCE ASSURED



PRE-ASSEMBLED READY FOR INSTALLATION

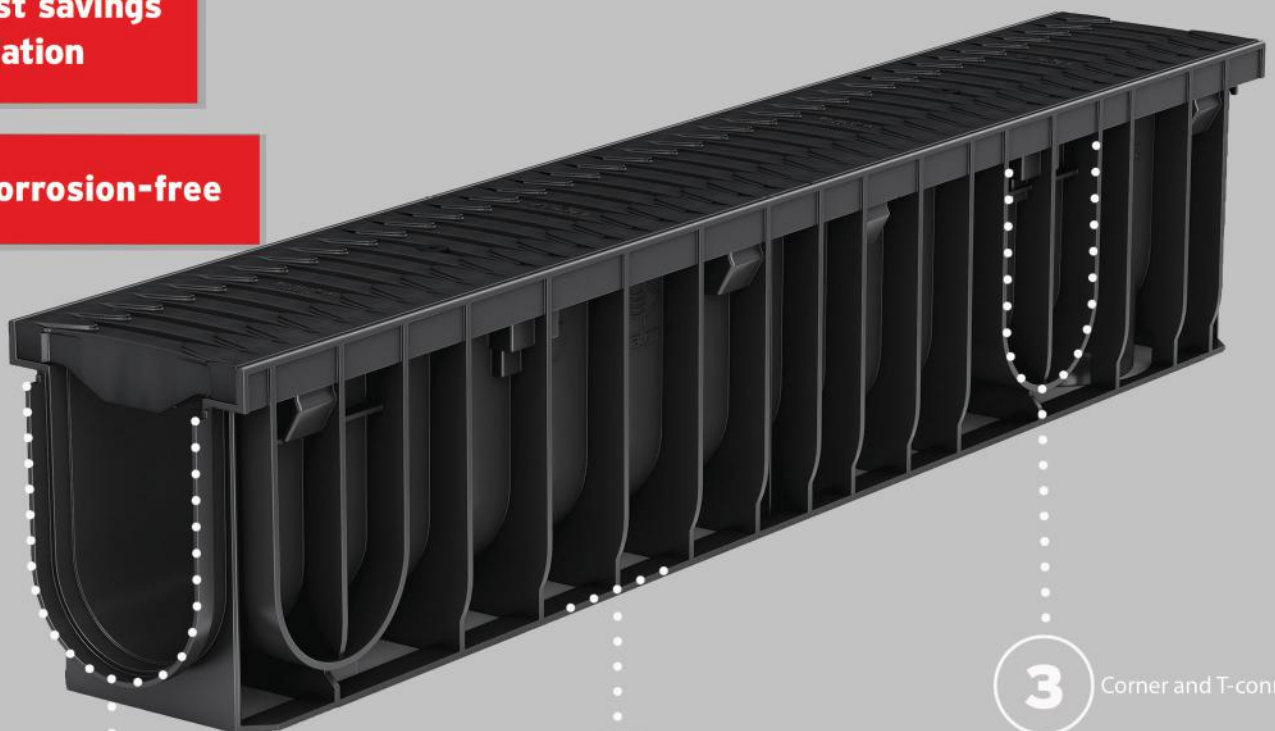
- channel and grating = one part
- no spare parts
- easy handling in stock and on construction site
- cost-efficient transport

= MORE PROFIT



**50 % cost savings
on installation**

100 % corrosion-free



1

Tongue and groove connection & safety joint according to EN 1433

2

Anti floating

3

Corner and T-connection

Hauraton Recyfix Channels Vs. Cement Concrete Channels



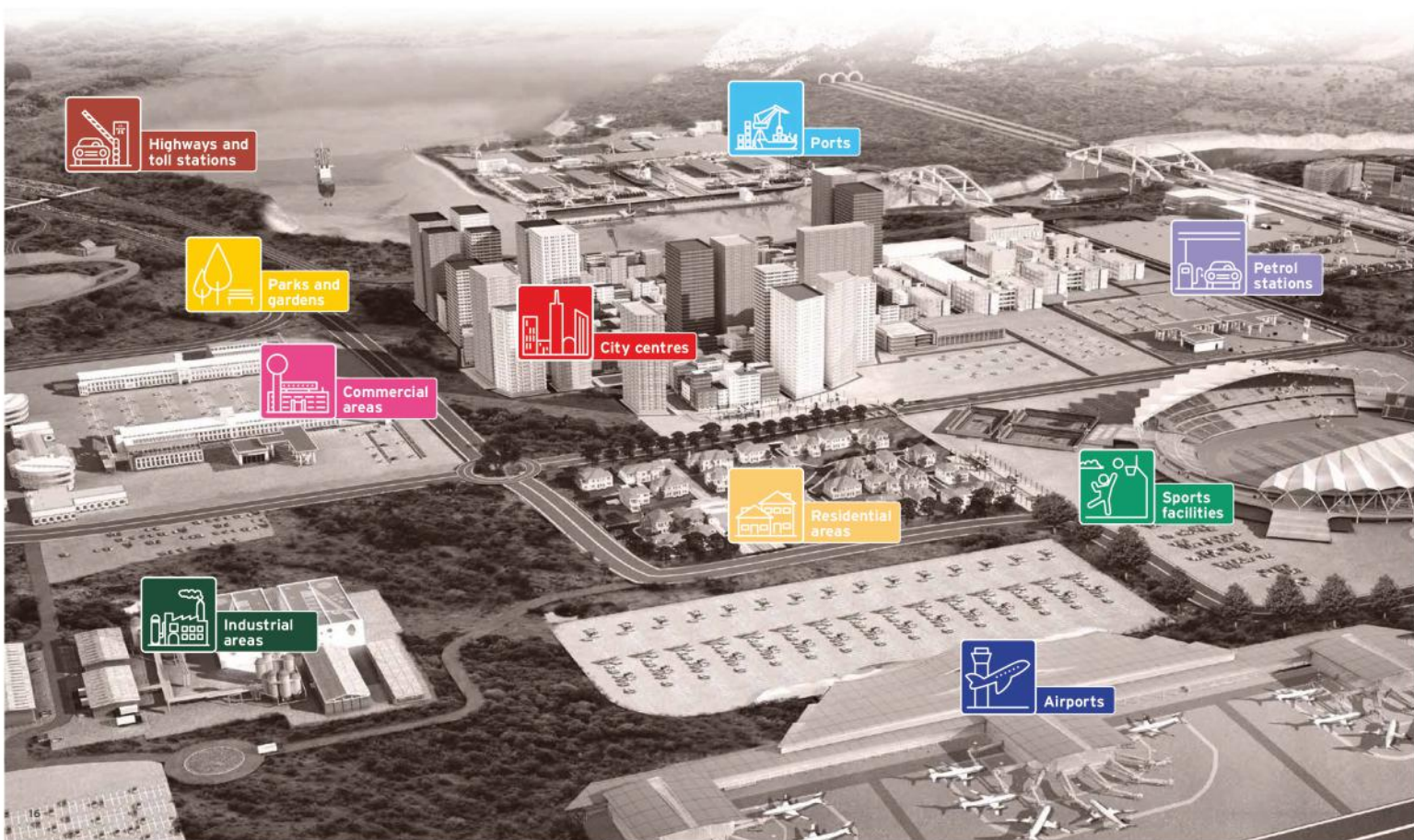
Cement Concrete Channels

- Time-consuming
- Quality based on the investment (mostly low quality finishing)
- Poor tolerances (no system)
- Poor durability
- Surface level differences
- Big cracks in concrete
- Unsecured gratings (no locking system)
- Rattling gratings (no fixation)
- Rusted gratings

Hauraton Recyfix Channels

- Less materials (Formwork)
- Faster installation
- Prestige / Modern
- Innovation / Material

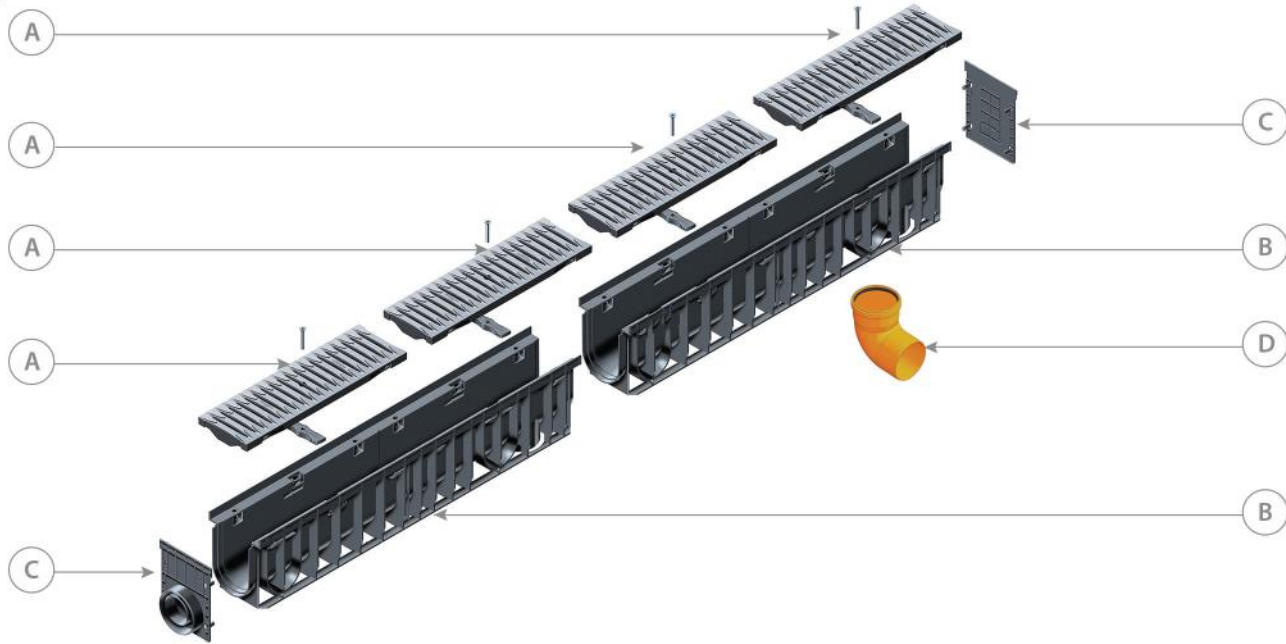
Project applications for drainage systems



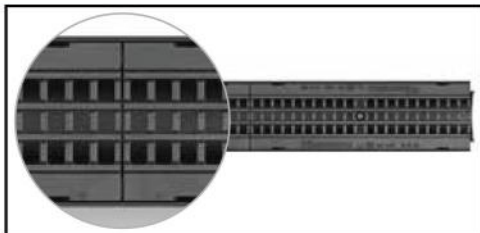
Hauraton Recyfix System Components

A complete drainage system consist of:

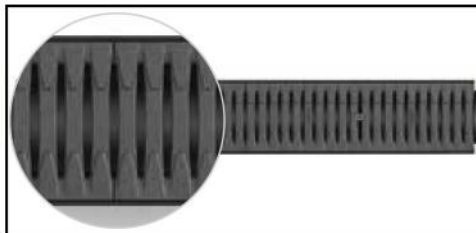
- A. Gratings
- B. Channels
- C. End caps
- D. PVC-pipe



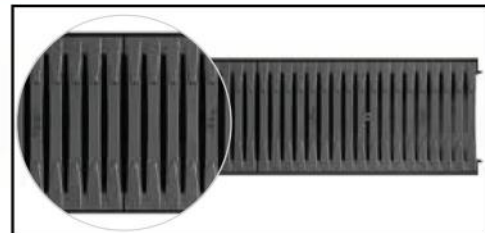
Hauraton Grating Designs



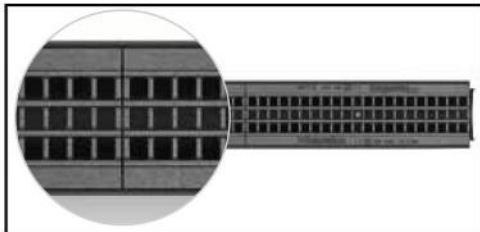
Product	Mesh Width	Application
GUGI-Mesh gratings composite material	15 x 25 mm	RECYFIX® PRO 100



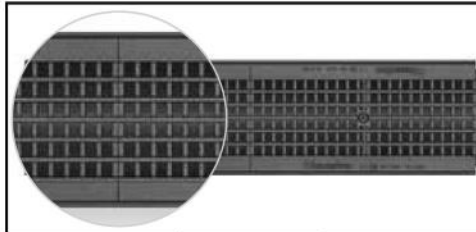
Product	Bar Distance	Application
FIBRETEC® Slotted gratings in Black	9 mm	RECYFIX® PRO 100



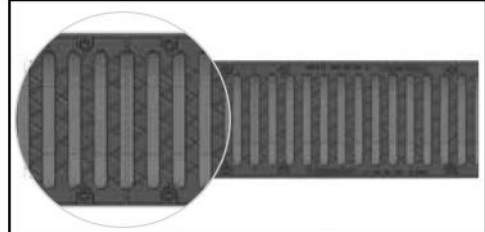
Product	Bar Distance	Application
FIBRETEC® Slotted gratings composite material	9 mm	RECYFIX® PRO 200



Product	Mesh Width	Application
GUGI ductile iron gratings	15 x 25 mm	RECYFIX® STANDARD 100



Product	Mesh Width	Application
GUGI ductile iron gratings	15 x 25 mm	RECYFIX® STANDARD 200



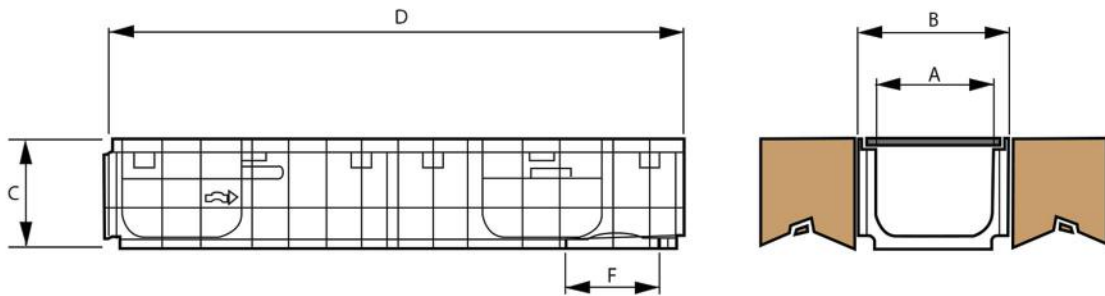
Product	Bar Distance	Application
Ductile iron slotted gratings	18 mm	RECYFIX® NC 200



On request also in colours available


RECYFIX®PRO

Corrosion-free drainage system for private and public areas



PRODUCT	CODE	MODEL	A	B	C	D	E	CLASS A 15 kN, 0.9 t wheel load	CLASS B 125 kN, 7.5 t wheel load	CLASS C 250 kN, 15 t wheel load	CLASS D 400 kN, 24 t wheel load	CLASS E 600 kN, 36 t wheel load	CLASS F 900 kN, 54 t wheel load
			CLEAR OPENING (mm)	CHANNEL Width (mm)	HEIGHT (mm)	LENGTH (mm)	OUTLET (mm)	PEDESTRIAN	LIGHT COMMERCIAL	HEAVY COMMERCIAL	HEAVY INDUSTRIAL	LOGISTICS WAREHOUSE	AIRPORT
RECYFIX PRO 100 CLASS B 125	* 47035	TYPE 01	100	160	150	1000	110						
	* 47040	TYPE 010	100	160	200	1000	110						
RECYFIX PRO 100 CLASS C 250	* 47060	TYPE 010	100	160	200	1000	110						
	* 47062	TYPE 75	100	160	75	1000	110						

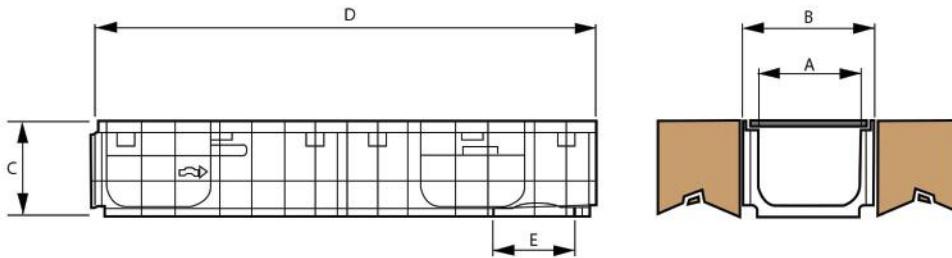
RECYFIX PRO 100 CLASS C & CLASS B ACCESSORIES

	Model: End cap closed for type 01			
	CODE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
	48681	-	160	124

	Model: End cap closed for type 01			
	CODE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
	47093	-	160	201

TOP X

The drainage channel for private driveways, courtyards, patios and gardens.



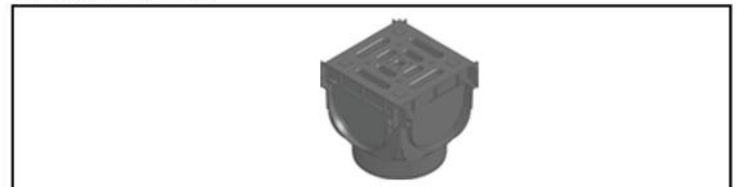
PRODUCT	CODE	MODEL	A	B	C	D	E	CLASS A	CLASS B	CLASS C	CLASS D	CLASS E	CLASS F
			CLEAR OPENING (mm)	FRAME OVERALL (mm)	HEIGHT (mm)	LENGTH (mm)	OUTLET (cm ²)	15 kN, 0.9 t wheel load	125 kN, 7.5 t wheel load	250 kN, 15 t wheel load	400 kN, 24 t wheel load	600 kN, 36 t wheel load	900 kN, 54 t wheel load
								PEDESTRIAN	LIGHT COMMERCIAL	HEAVY COMMERCIAL	HEAVY INDUSTRIAL	LOGISTICS WAREHOUSE	AIRPORT
TOP X with MESH GRATING	44320	Black Mesh GratinG MW81 PP Black	90	119	89	1000	DN70						

TOP X ACCESSORIES



MODEL	CODE	LENGTH	WIDTH	HEIGHT
Connection set for channel with end caps, leaf trap, adapter, foul air trap, black, including assembly instruction	44343	-	-	-

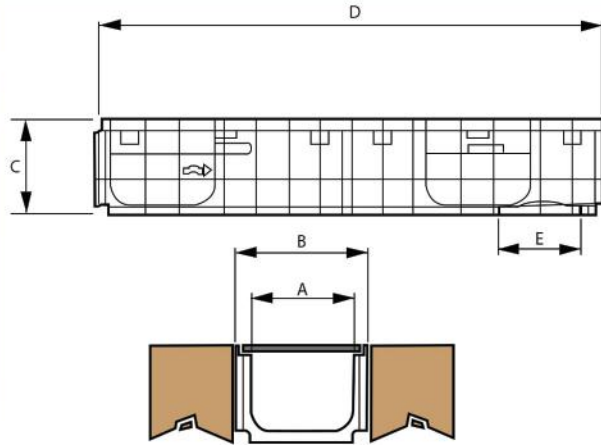
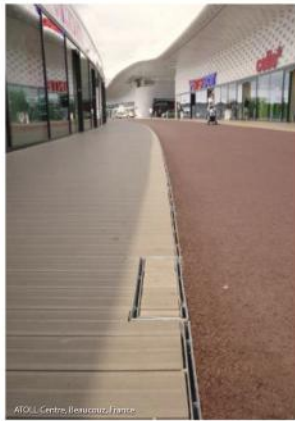
TOP X UNIVERSAL BOX



MODEL	CODE	LENGTH	WIDTH	HEIGHT
Connection set for channel with end caps, leaf trap, adapter, foul air trap, black, including assembly instruction	44360	137	137	137

SLOTTED CHANNEL

Images for illustration only. Actual products and specifications may vary without prior notice. For inquiries, contact our Technical Department.



PRODUCT	CODE	MODEL	A	B	C	D	E	F	CLASS A	CLASS B	CLASS C	CLASS D	CLASS E	CLASS F
			CLEAR OPENING (mm)	FRAME OVERALL (mm)	HEIGHT (mm)	LENGTH (mm)	OUTLET (cm ²)	INTAKE (cm ² /M)	15 kN, 0.9 t wheel load	125 kN, 7.5 t wheel load	250 kN, 15 t wheel load	400 kN, 24 t wheel load	600 kN, 36 t wheel load	900 kN, 54 t wheel load
									PEDESTRIAN	LIGHT COMMERCIAL	HEAVY COMMERCIAL	HEAVY INDUSTRIAL	LOGISTICS WAREHOUSE	AIRPORT
SLOTTED CHANNEL 100 RECYFIX STANDARD 150	41021	Type 010	150	147	181	1000	2.5							
	32400			206	189	1000								

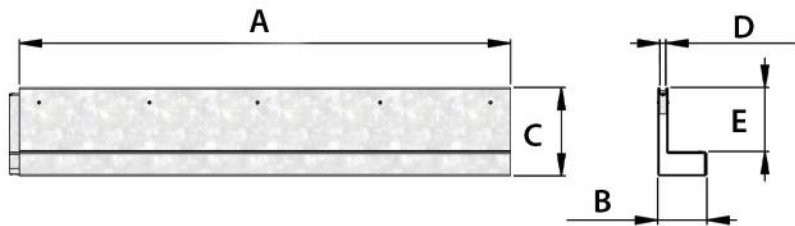
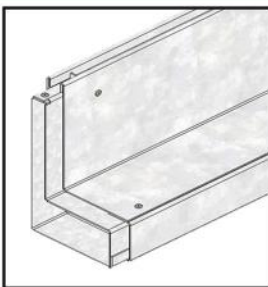
GRATINGS FOR SLOTTED COVERS 100, NECK HEIGHT 160, CLASS C 250



ACCESSORIES FOR SLOTTED COVERS

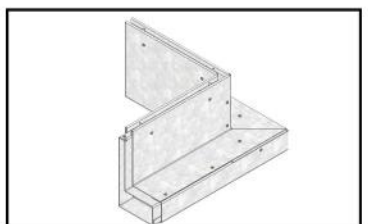
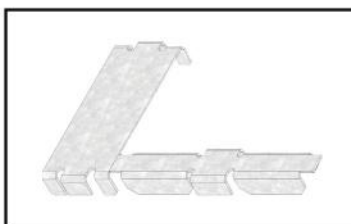
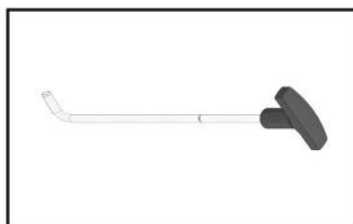
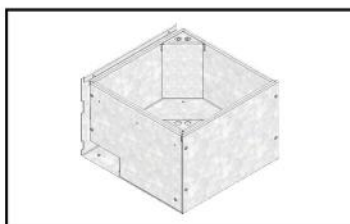
	ITEM CODE	ITEM DESCRIPTION	LENGTH (MM)	WIDTH (MM)	HEIGHT (MM)
	40191	End cap combined made of PP with outlet DN/OD 75/110, type 01		210	203

FLAT STEELFIX



PRODUCT	CODE	MODEL	A	B	C	D	E
			LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	SLOT WIDTH (mm)	NECK HEIGHT (mm)
RECYFIX FLAT STEELFIX SLOT 100	10307	Type 180	1000	100	180	12	130

ACCESSORIES



PRODUCT	STEELFIX SLOT 100 Type 180 - Access Unit		PRODUCT	Removal bracket (1 pair) for duo slotted			PRODUCT	Corner Element Inside Corner	End Cap, 2-Part	PRODUCT	Corner Element Outside Corner			
CODE	32165		CODE	32850			CODE	32850	32148	CODE	10315			
LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
253	270	180	31	6	192				250	100	180			

Advantages of Installing Our Product

Money-saving installation, easy to process



Requirements

Its light weight will keep your back in good health: A channel with a nominal width of 100 mm weighs just 4 kg.

Note: Look up our current installation instructions on the internet under www.hauraton.ph



Easy Processing

The recycled composite is easy to process. Fitting pieces, pre-cuts and openings can be made using simple tools such as a saw or core drill bit with little effort.



Combination Items

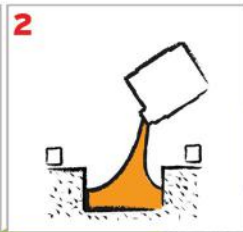
RECYFIX® channels are delivered to site pre-assembled with an inlaid grating, and can be directly removed from the palette and laid by one person.

Step by step installation instructions

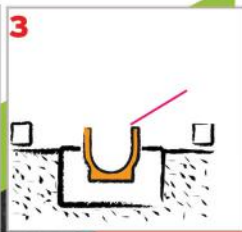
Example for paving installation



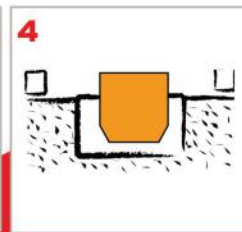
1 Dig a trench.



2 Fill with concrete and space it out evenly.



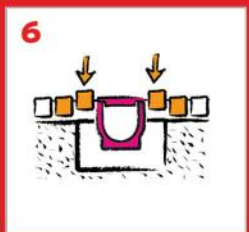
3 Stretch a line along the installation line. Lay the channel along this line. Connection to the sewage pipe: with trash boxes or endcap with outlet.



4 Place the closed end cap at the start of the channel run.



5 Prepare a lateral backing structure made of concrete.



6 Lay paving. Fill joints. Important: adjoining surface finishes are laid to finish permanently 3 to 5 mm higher than the top edge of the channel.

