RECYFIX®PRO

Corrosion-free drainage system for private and public areas.





RECYFIX®PRO

Corrosion-free drainage system for private and public areas.

1 Requirements

Drainage channels for optically attractive areas have to

- be modern and unique in its design.
- be extremely stable to guarantuee long-term and permanent security.
- be resistant to environmental influences (frost, heat and moisture).
- be dimensioned for high loading categories.
- be designed in accordance with DIN EN 1433.

2 Application areas

- private and public areas
- squares and parks
- railway platform
- driveways and parking lots
- reduced trafficked areas

3 Solutions

Therefore RECYFIX PRO Channels are suitable for the drainage of sophisticated areas:

- channel and angle housing made of recycled high-grade plastic
- secure and corrosion-free grating support
- loading capacity up to C 250
- hydraulically optimized FIBRETEC Slotted grating



100% corrosion-free, especially with frost and de-icing salt



Railway plattform in Limburg, Germany



Private house in Wiehl, Germany



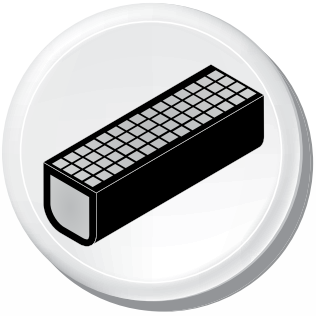
Horse stables in Newmarket, UK



Residential complex in Munich, Germany

The benefits of **RECYFIX®**PRO Channels

100% corrosion-free



Pre-assembled ready for installation

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

= better gross margin



Angle housing

- PE-angle housing acc. EN 1433
- Ridges to stop any lateral movement
- inlaying gratings

= security

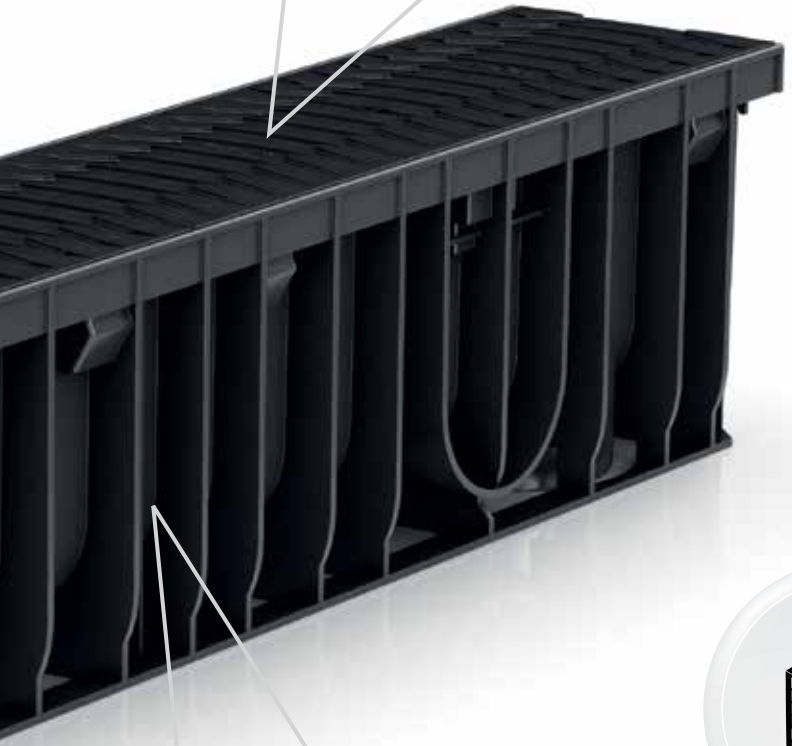




Low weight ensures easy handling on site

- much lighter than channels made of polymere concrete
- easy transport and installation

= cost savings



Corrosion-free gratings

- high-grade plastic
- FIBRETEC Slotted grating: anti-slippery surface, hydraulically optimized with elegant inlet slots
- GUGI-Mesh grating

= flexibility / security

High resistance

- high resistance agains frost, de-icing salt and UV rays
- withstands high temperature differences

= durability

Award-winning design

- FIBRETEC Slotted gratings honoured with Focus Open Design Award
- nomination for German design prize

= high quality work

High-grade material

- RECYFIX - stable and unbreakable
- elastic and especially robust material
- withstands in daily use high loadings and temperature differences

= security

RECYFIX®PRO

Corrosion-free drainage system for private and public areas.

The large areas of the Westfalenpark grounds are drained with RECYFIX®PRO and other HAURATON channels.

RECYFIX®PRO

Drainage system for one of Europe's largest urban parks. RECYFIX PRO offers security and reduces costs.
The Westfalenpark is the green heart of the Westphalian city of Dortmund and, with its 70 hectares, it is one of the largest inner city parks in Europe. It is a popular destination for leisure and recreation in North Rhine-Westphalia and, in addition to numerous leisure and play facilities, features extensive water surfaces and a stage on the lake for cultural events and garden shows. The most notable building is the Florian tower – a 220 metre-high television and viewing tower, which is considered Dortmund's best-known building.

Benefits for Dortmund municipality:

- Safety
  - load class C 250 for in-park traffic
  - PA grating without sharp edges and burrs suitable for public areas
  - slot width suitable for pedestrians
- Cost reduction
  - corrosion-free = maintenance-free
  - simple to service
  - long service life and sustainable
  - attractive, durable design





Westfalenpark in Dortmund, Germany



- Benefits for the landscape architect:

Reliable in design and material

  - durable and reliable drainage system
  - complies with all standards
  - innovative and award-winning

- Benefits for the installer:

Reduced installation cost and easy installation

  - low weight
  - simple installation, easy to cut (cutting to length, mitre cuts)
  - easy transport to site



RECYFIX®PRO

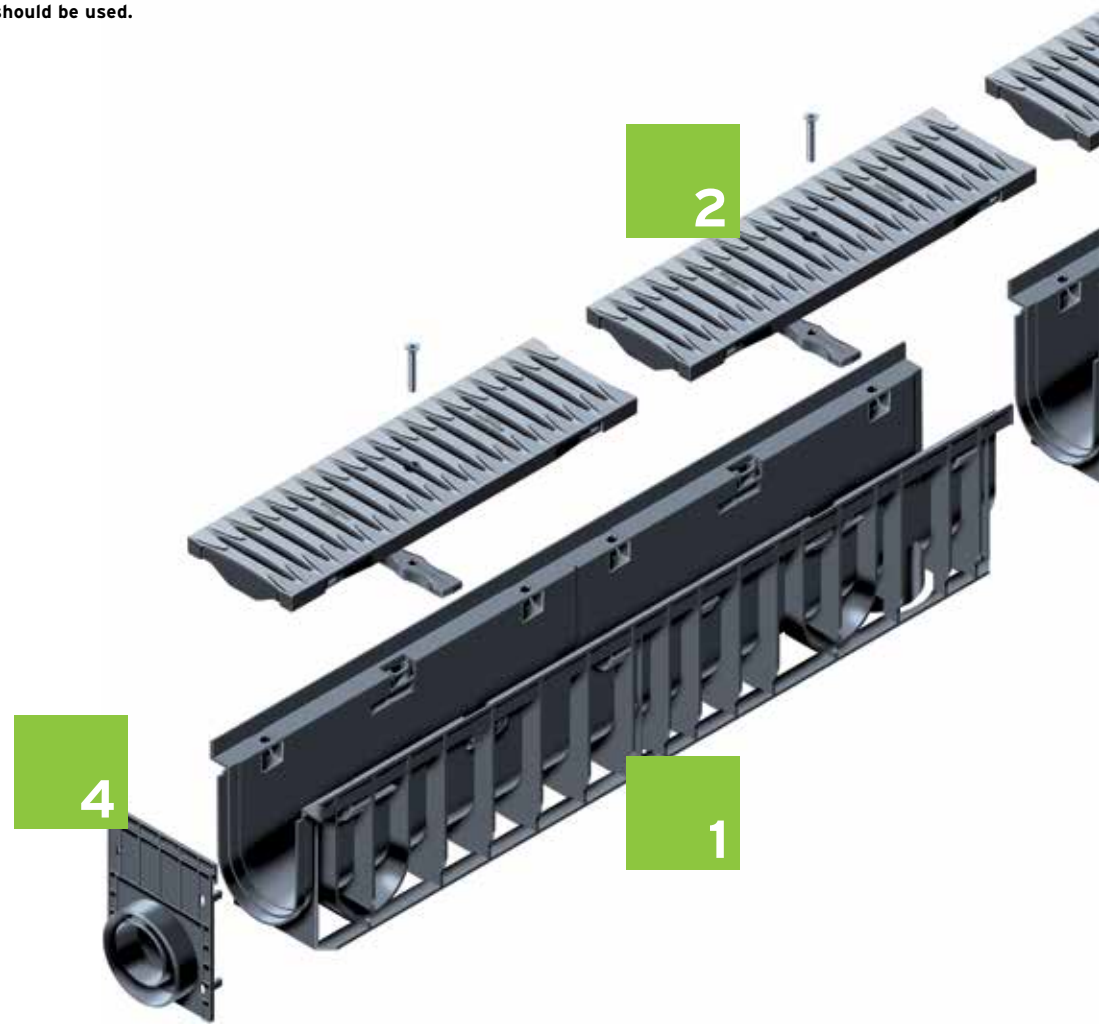
Corrosion-free drainage system for private and public areas.

RECYFIX PRO channels meet the requirements of DIN EN 1433 and are suitable for the following load categories:

Category B 125, Load class 125 kN
Sidewalks, pedestrian areas and comparable areas, car parks or car parking decks.

Category C 250, Load class 250 kN
Sidewalk channel areas and untraveled side panels or similar

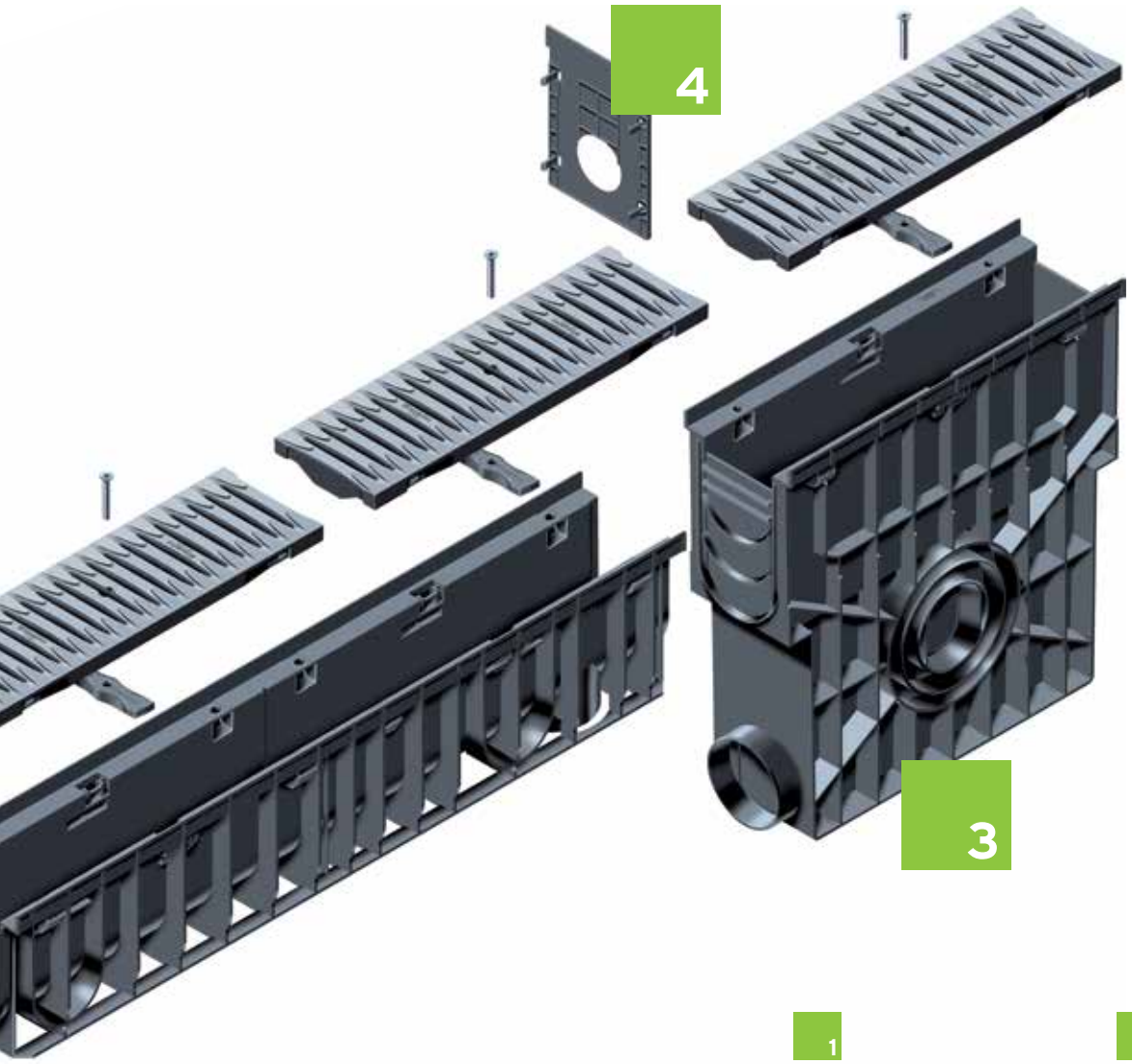
In case of doubt, the higher category should be used.



Grating options
RECYFIX PRO Channels

Load categories acc. DIN EN 1433	GUGI-Mesh grating made of PA*	FIBRETEC Slotted grating*	Longitudinal ductile iron grating
			
B 125	100	150, 200	
C 250		100	100

*sizes are nominal widths



1

- Channels made of PE-PP with integrated angle housing, according to DIN EN 1433, with sleeve and feather connection for exact installation

2

- Different grating options, i.e. FIBRETEC Slotted grating

3

- Trash box with different pipe connection possibilities

4

- End caps wit or without outlet

Your way to the tender text on **hauraton.com**

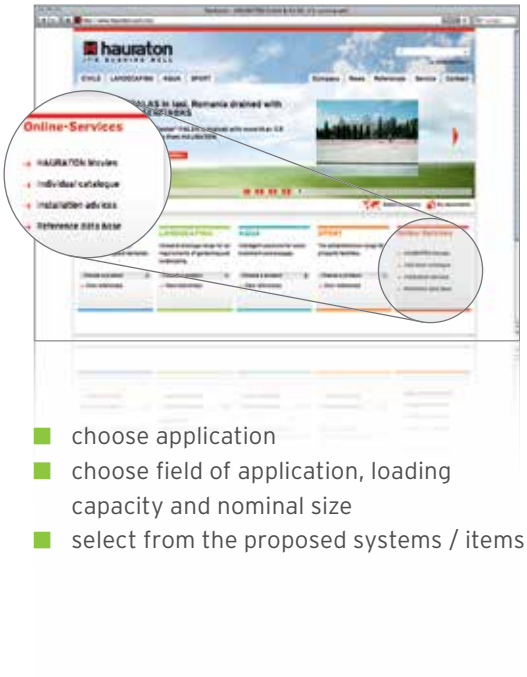
1 a) Product known

- Go to the product page.



b) Product unknown

- Go to the specification tool.



- choose application
- choose field of application, loading capacity and nominal size
- select from the proposed systems / items

2 Choose required format and add it to your documents



3 Download tender text

- Go to „My documents".

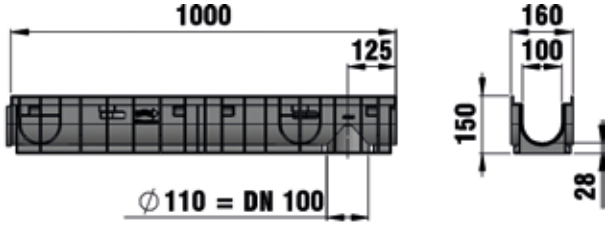


RECYFIX®PRO 100

RECYFIX®PRO 100 - combi article, **class B 125**

Type 01 with GUGI-Grating made of PA-GF, MW 15/25, black





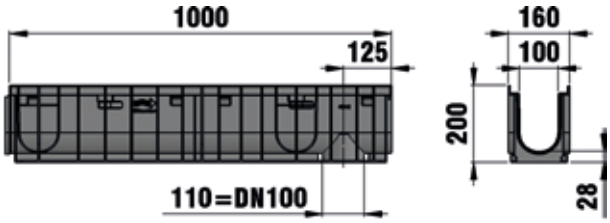
	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No.
Type 01 with GUGI-Grating made of PA-GF, MW 15/25, black	1000	160	150	92	444	4,1	47035
Type 010 with GUGI-Grating made of PA-GF, MW 15/25, black	1000	160	200	142	444	4,7	47040
Type 0105 with GUGI-Grating made of PA-GF, MW 15/25, black	500	160	150	92	444	2,1	47036
Type 01005 with GUGI-Grating made of PA-GF, MW 15/25, black	500	160	200	142	444	2,5	47041
Type 75 with GUGI-Grating made of PA-GF, MW 15/25, black	1000	160	75	25	444	2,9	47032
Type 95 with GUGI-Grating made of PA-GF, MW 15/25, black	1000	160	95	55	444	3,6	47033

RECYFIX®PRO 100

RECYFIX®PRO 100 - combi article, **class C 250**

Type 010 with FIBRETEC slotted grating, SW 9, black





Type 010 with ductile longitudinal grating, KTL, locked

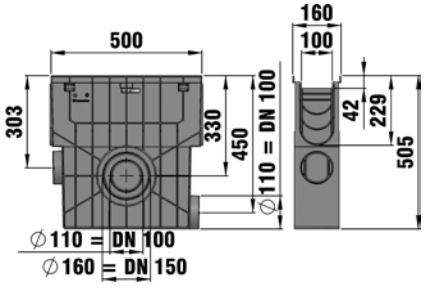


		Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No.
	Type 01 with FIBRETEC slotted grating, SW 9, black	1000	160	150	92	372	4,5	47055
	Type 010 with FIBRETEC slotted grating, SW 9, black	1000	160	200	142	372	4,9	47060
	Type 0105 with FIBRETEC slotted grating, SW 9, black	500	160	150	92	372	2,3	47056
	Type 01005 with FIBRETEC slotted grating, SW 9, black	500	160	200	142	372	2,5	47061
	Type 75 with FIBRETEC slotted grating, SW 9, black	1000	160	75	25	372	3,4	47062
	Type 95 with FIBRETEC slotted grating, SW 9, black	1000	160	95	55	372	3,7	47063
NEW	Type 01 with ductile longitudinal grating, KTL, locked	1000	160	150	92	528	10,4	48634
NEW	Type 010 with ductile longitudinal grating, KTL, locked	1000	160	200	142	528	11,1	48645
NEW	Type 0105 with ductile longitudinal grating, KTL, locked	500	160	150	92	528	5,2	48635
NEW	Type 01005 with ductile longitudinal grating, KTL, locked	500	160	200	142	528	5,6	48646
NEW	Type 75 with ductile longitudinal grating, KTL, locked	1000	160	75	25	528	9,5	47038
NEW	Type 95 with ductile longitudinal grating, KTL, locked	1000	160	95	55	528	10,0	47039

RECYFIX®PRO 100

RECYFIX®PRO 100 - Accessories





Trash box with galvanised mud bucket and GUGI-Grating made of PA-GF, MW 15/25, black



Foul air trap for RECYFIX trash box 100



Foul air trap, vertical, DN 100



End cap closed for type 01



End cap closed for type 010

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with galvanised mud bucket and GUGI-Grating made of PA-GF, MW 15/25, black	500	160	505	5,9	47053
Trash box with mud bucket and FIBRETEC slotted grating, SW 9, black	500	160	505	5,9	47054
NEW Trash box with PE mud bucket and with ductile longitudinal grating, KTL, cl. C 250, locked	500	160	505	8,1	48655
Foul air trap for RECYFIX trash box 100	-	-	-	0,1	967
Foul air trap, vertical, DN 100	-	-	-	0,6	40295
Foul air trap set, vertical DN 100 for RECYFIX 100	-	-	-	0,4	40294
Mud bucket vertical DN 100, black	-	-	-	0,1	40293
End cap closed for type 01	5	160	124	0,1	48681
End cap made of PE-PP with outlet DN 100 for type 01	29	160	201	0,1	48691
End cap closed for type 010	5	160	176	0,1	47082
End cap made of PE-PP with outlet DN 100 for type 010	34	160	201	0,1	47093
End cap Type 75	-	160	70	0,1	47097
End cap Type 95	4	160	81	0,1	47098
Sealing material Sikaflex TS Fast, 600 ml, tubular bag, black	-	-	-	0,6	6890
Tubular pistol for Sikaflex TS Fast	-	-	-	1,3	6891

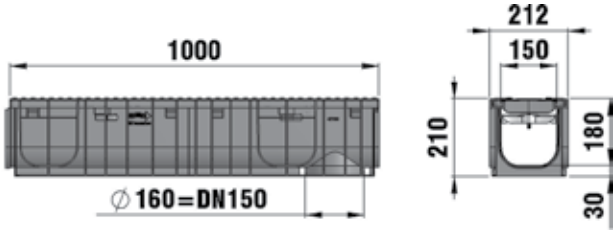
RECYFIX®PRO 100

RECYFIX®PRO 150 NEW

RECYFIX®PRO 150 - Combined article, **class B 125**

Type 01 with FIBRETEC Slotted grating, SW 9 mm, black, locked





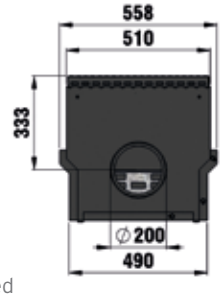
	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No.
Type 01 with FIBRETEC Slotted grating, SW 9 mm, black, locked	1000	212	210	230	500	7,4	47135
Type 0105 with FIBRETEC Slotted grating, SW 9 mm, black, locked	500	212	210	230	500	3,7	47136
Type 115 with FIBRETEC Slotted grating, SW 9 mm, black, locked	1000	212	115	116	500	6,1	47133

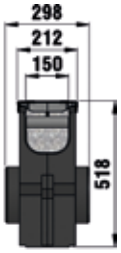
RECYFIX®PRO 150 NEW

RECYFIX®PRO 150 - Accessories



Trash box with galvanised mud bucket and FIBRETEC Slotted grating, black, SW 9 mm, cl. B 125, locked







End cap closed, type 115



End cap combined, PE-PP with outlet DN 70/100 for type 01

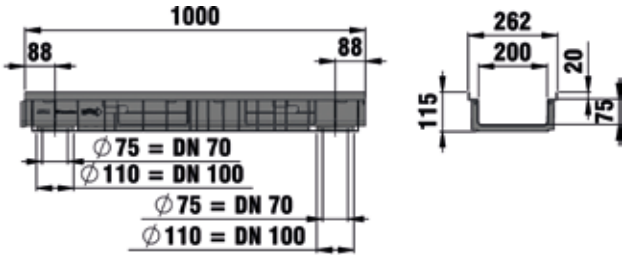
	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with galvanised mud bucket and FIBRETEC Slotted grating, black, SW 9 mm, cl. B 125, locked	500	212	518	18,7	47153
Foul air trap DN 150	-	-	-	2,0	960
Mud bucket vertical DN 100, black	-	-	-	0,1	40293
End cap closed, type 115	-	-	-	0,1	47197
End cap combined, PE-PP with outlet DN 70/100 for type 01	24	210	218	0,2	40591
Sealing material Sikaflex TS Fast, 600 ml, tubular bag, black	-	-	-	0,6	6890
Tubular pistol for Sikaflex TS Fast	-	-	-	1,3	6891
Holesaw, Ø 102 mm, with tool holder for a driller	-	-	-	0,6	980

RECYFIX®PRO 200

RECYFIX®PRO 200 - combi article, **class B 125**

Type 115 with FIBRETEC Slotted grating, SW 9 mm, black, locked



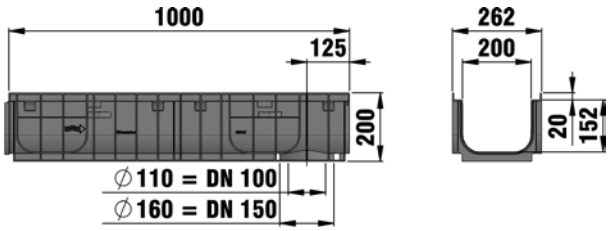


	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No.
Type 010 with FIBRETEC Slotted grating, SW 9 mm, black, locked	1000	262	201	290	656	8,3	47246
Type 115 with FIBRETEC Slotted grating, SW 9 mm, black, locked	1000	262	115	150	656	7,0	47233

RECYFIX®PRO 200 - Combi article, **class D 400**

Type 010 with G-TEC grating, KTL-coated, locked





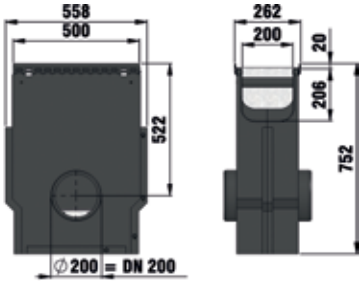
	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No.
Type 010 with G-TEC grating, KTL-coated, locked	1000	262	201	290	595	20,6	47245
Type 115 with G-TEC grating, KTL-coated, locked	1000	262	115	150	595	19,3	47232

RECYFIX®PRO 200

RECYFIX®PRO 200 - Accessories



Trash box with galvanised mud bucket and FIBRETEC Slotted grating, black, cl. B 125, locked





End cap closed, type 115



Foul air trap, vertical, DN 100

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with galvanised mud bucket and FIBRETEC Slotted grating, black, cl. B 125, locked	500	262	752	29,2	47253
Trash box with galvanised mud bucket and G-TEC Ductile iron grating, black, cl. D 400, locked	500	262	752	35,4	47255
End cap combined, PE-PP with outlet DN 70/100 for type 010	28	258	217	0,7	41387
End cap closed, type 115	-	260	115	0,1	47297
Foul air trap, vertical, DN 100	-	-	-	0,6	40295
Foul air trap DN 100, outside	-	-	-	0,4	961
Foul air trap DN 150	-	-	-	2,0	960
Sealing material Sikaflex TS Fast, 600 ml, tubular bag, black	-	-	-	0,6	6890
Tubular pistol for Sikaflex TS Fast	-	-	-	1,3	6891
Holesaw, Ø 102 mm, with tool holder for a driller	-	-	-	0,6	980