RECYFIX®PLUS

Drainage channels with sophisticated look for public and commercial areas.

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RECYFIX®PLUS

Drainage channels with sophisticated look for public and commercial areas.

1 Requirements

Drainage channels in commercial and public areas have to

- permanently withstand the daily stress of cars, trucks and pedestrians.
- be optically attractive.
- withstand weather influences (frost, heat, humidity).
- be in accordance with DIN EN 1433.

2 Application areas

- public and commercial areas
- trafficked areas with higher loadings

3 Solutions

Therefore RECYFIX PLUS Channels are suitable for the drainage of public and commercial areas:

- stable channels made of 100% recycled PE
- torsion-resistant rips and steel frames for high stability
- corrosion-protected frames made of galvanised or stainless steel
- optical appreciation through visible steel frame

Public place in Munich, Germany

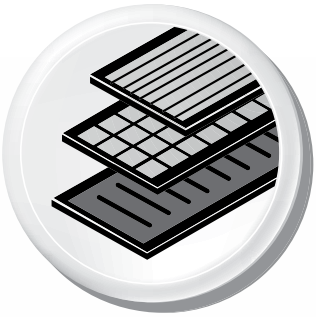
ALLEE Shopping Centre in Budapest, Hungary

Scoresby Bunnings Markt in Australia

Mazda Car Dealer in Hobart, Tasmania, Australia

Shopping Centre MOLO in Stettin, Poland

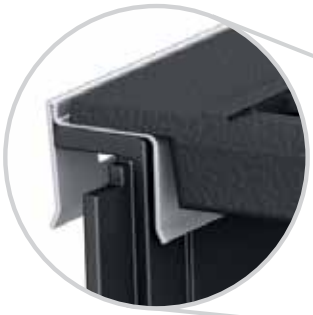
The benefits of **RECYFIX®**PLUS and **RECYFIX®**STANDARD Channels



Numerous grating options

- in the materials: ductile iron, galvanised or stainless steel
- narrow slot width for pedestrian areas available

= flexibility



Frame systems

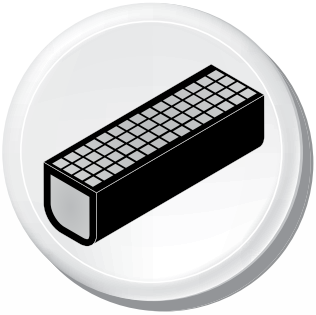
RECYFIX®PLUS

- galvanised or stainless steel frames

RECYFIX®STANDARD

- PE-PP frames

= security



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

High resistance

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

= durability

Low weight ensures easy handling on site

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

= cost savings

RECYFIX®PLUS and **RECYFIX**®STANDARD

RECYFIX®PLUS channels provide for a state-of-the-art drainage at the Vodafone campus in Düsseldorf

Durable and free of corrosion:

Façade and terrace drainage using RECYFIX PLUS.
The Vodafone campus - a state-of-the-art office complex with workplaces for more than 5000 employees. More than 300 million Euros have been invested in bringing different sites together at the new head office. The building was designed and implemented in accordance with the criteria of the seal of quality for sustainable construction LEED Gold (Leadership in Energy and Environmental Design); one of the reasons why environmentally friendly products made from recycled PE-PP were chosen for the drainage channels.

Reasons for using about 700 metres of **RECYFIX**®PLUS:

- Low construction costs
  - Ease of installation and processing Polygonal laying rather than radial tailor-made channel
- Ecological material
  - Recycled PE-PP complies with requirements for LEED Gold certification
  - Extremely detailed specifications with regard to material origin, material composition and manufacturing procedure
- Elegant appearance
  - Continuous metal edge on surface
  - Mesh gratings with no interfering little plates containing manufacturer details and load specifications

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Vodafone-Campus in Düsseldorf, Germany

RECYFIX®PLUS and **RECYFIX**®STANDARD

Drainage channels with sophisticated look for public and commercial areas.

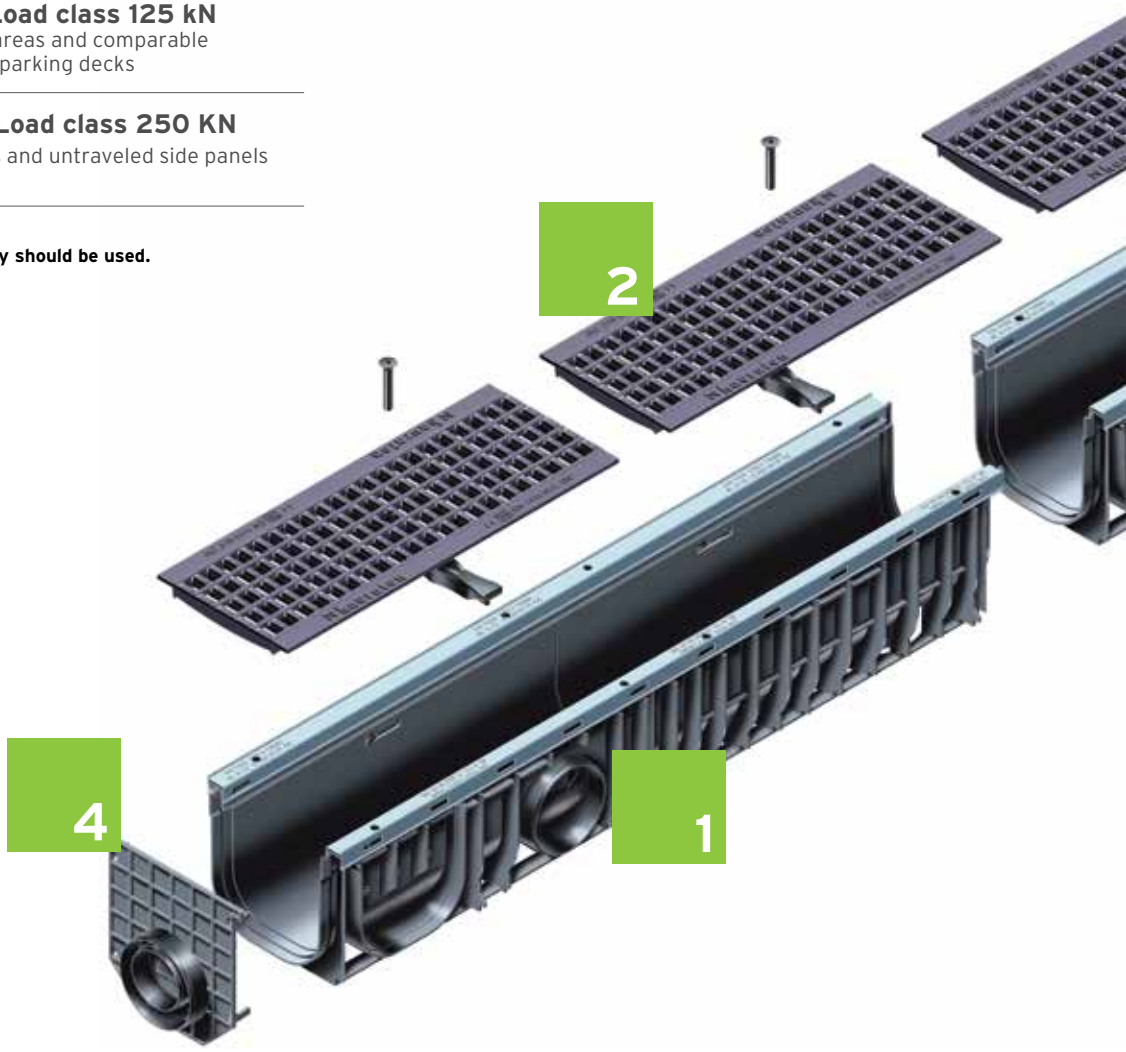
RECYFIX PLUS and RECYFIX STANDARD Channels meet the requirements of DIN EN 1433 and are suitable for the following load categories:

Category A 15, Load class 15 KN
Trafficked areas, which are exclusively used by pedestrians and cyclists

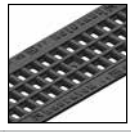
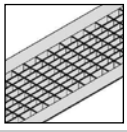
Category B 125, Load class 125 kN
Sidewalks, pedestrian areas and comparable areas, car parks or car parking decks

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

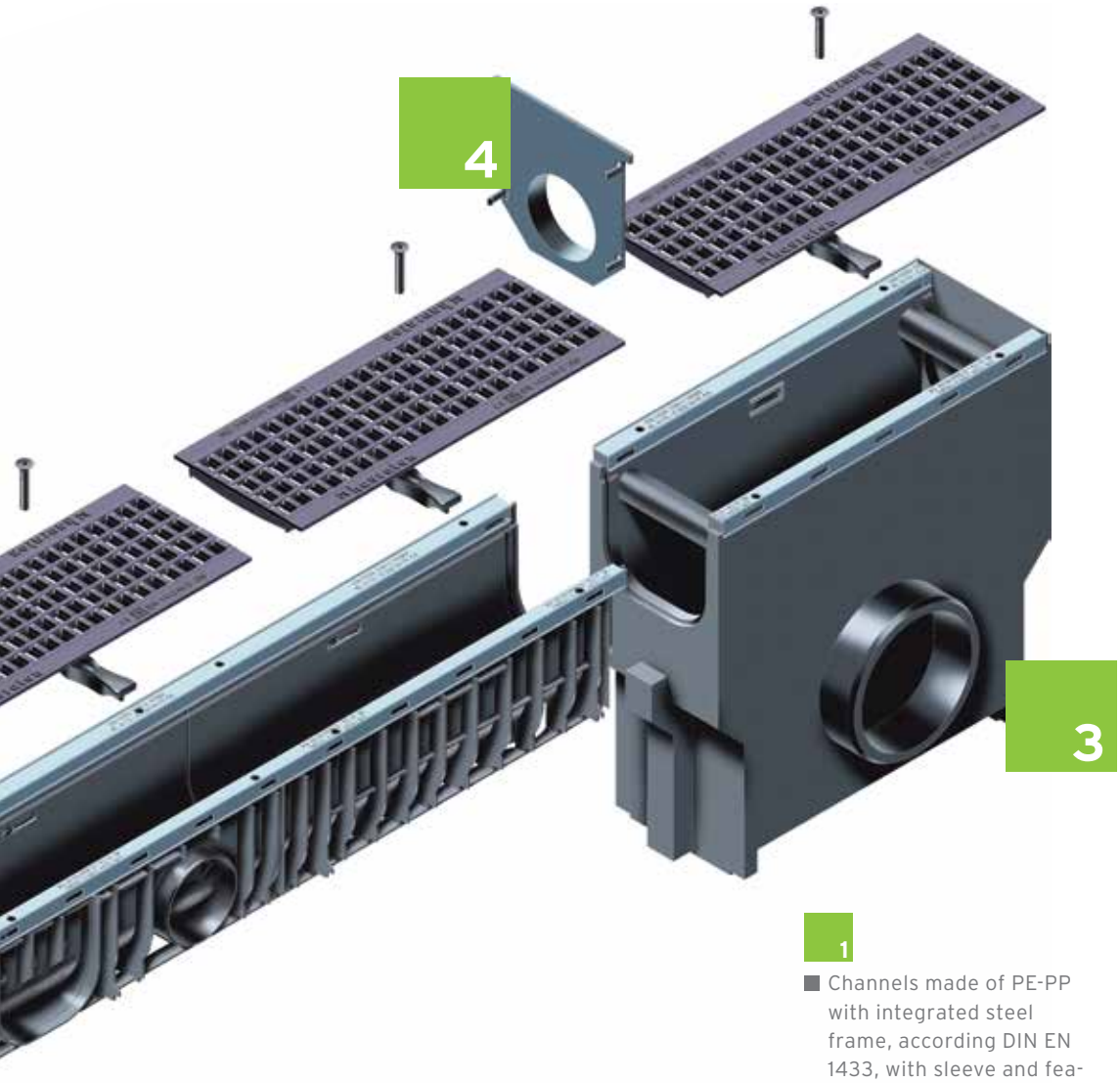
In case of doubts, the higher category should be used.



Grating options RECYFIX PLUS Channels

Load categories acc. DIN EN 1433	GUGI-Ductile iron Mesh gratings*	Ductile iron gratings*	Slotted gratings*	Mesh gratings*	Perforated gratings*
					
Car traffic			100	100	
A 15			150, 200		100
B 125				100, 150, 200	
C 250	100, 150, 200, 300	100, 150, 200			

*sizes are nominal widths



1

- Channels made of PE-PP with integrated steel frame, according DIN EN 1433, with sleeve and feather connection for exact installation, combined article with various grating possibilities

2

- Different grating options, i.e. GUGI-Ductile iron mesh gratings

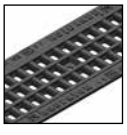
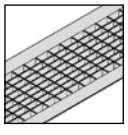
3

- Trash box with pipe connection possibility

4

- End caps with or without outlet

Grating options RECYFIX STANDARD Channels

	GUGI-Ductile iron Mesh gratings*	Ductile iron gratings*	Slotted gratings*	Mesh gratings*	Perforated gratings*
					
Load categories acc. DIN EN 1433					
Car traffic			100	100	
A 15			150, 200		100
B 125				100, 150, 200	
C 250	100, 150, 200, 300	100, 150, 200			

*sizes are nominal widths

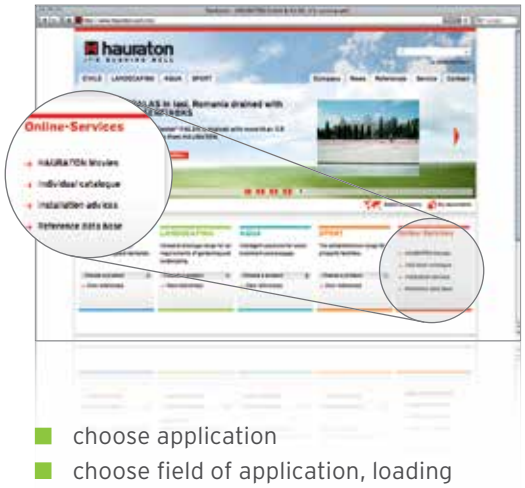
Your way to the tender text on **hauraton.com**

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

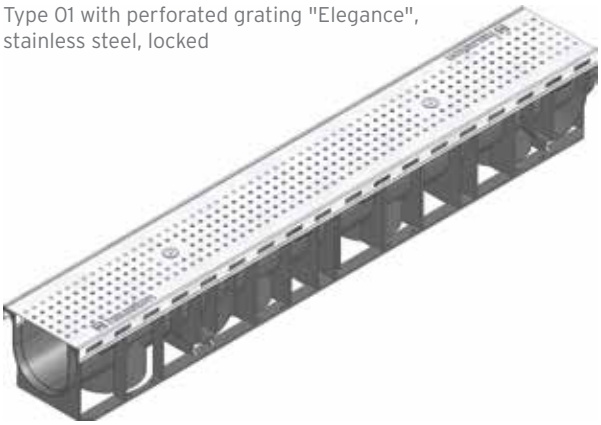
3 Download tender text

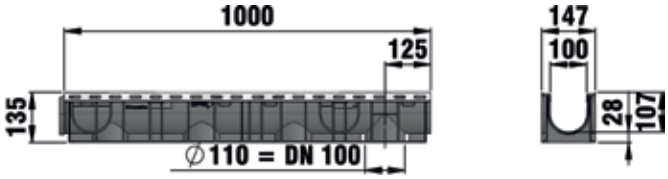
- Go to „My documents".

RECYFIX®PLUS 100

RECYFIX®PLUS 100, combi article, **class A 15**

Type 01 with perforated grating "Elegance", stainless steel, locked





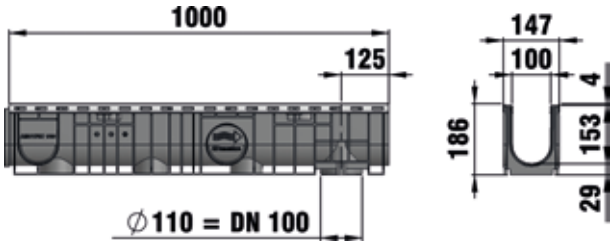
	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No. galvanised	Item No. stainless steel
Type 01 with perforated grating "Elegance", stainless steel, locked	1000	147	135	92	161	5,5	41440	41440
Type 010 with perforated grating "Elegance", stainless steel, locked	1000	147	186	142	161	6,4	41442	41442
Type 0105 with perforated grating "Elegance", stainless steel, locked	500	147	135	92	161	2,8	41447	41447
Type 01005 with perforated grating "Elegance", stainless steel, locked	500	147	186	142	161	3,2	41448	41448
Type 60 with perforated grating "Elegance", stainless steel, locked*	1000	147	60	35	161	3,9	41444	41444
Type 80 with perforated grating "Elegance", stainless steel, locked*	1000	147	80	55	161	4,1	41446	41446

*** For frequently used areas we recommend FASERFIX SUPER KS Channels shallow (see CIVILS).**
The quality of stainless steel material corresponds to CNS 1.4301.
Combi articles with perforated gratings galvanised cannot be delivered.

RECYFIX®PLUS 100

RECYFIX®PLUS 100, combi article, **car traffic**

Type 010 with slotted grating SW 9, locked



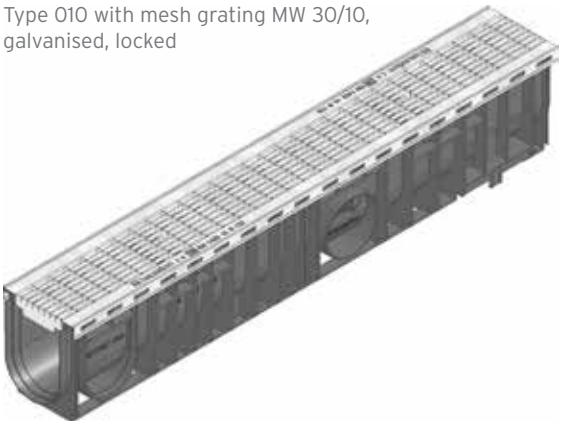
	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No. galvanised	Item No. stainless steel
Type 01 with slotted grating SW 9, locked	1000	147	135	92	280	5,3	40344	41400
Type 010 with slotted grating SW 9, locked	1000	147	186	142	280	5,6	40339	41402
Type 0105 with slotted grating SW 9, locked	500	147	135	92	280	2,7	40347	41407
Type 01005 with slotted grating SW 9, locked	500	147	186	142	280	2,8	40341	41408
Type 60 with slotted grating SW 9, locked*	1000	147	60	35	280	4,0	40332	41404
Type 80 with slotted grating SW 9, locked*	1000	147	80	55	280	4,1	40337	41406
Type 01 with mesh grating MW 30/10, locked	1000	147	135	92	650	6,5	40346	-
Type 010 with mesh grating MW 30/10, locked	1000	147	186	142	650	7,5	40340	-
Type 0105 with mesh grating MW 30/10, locked	500	147	135	92	650	3,4	40348	-
Type 01005 with mesh grating MW 30/10, locked	500	147	186	142	650	3,8	40343	-
Type 60 with mesh grating MW 30/10, locked*	1000	147	60	35	650	5,2	40333	-
Type 80 with mesh grating MW 30/10, locked*	1000	147	80	55	650	5,3	40338	-

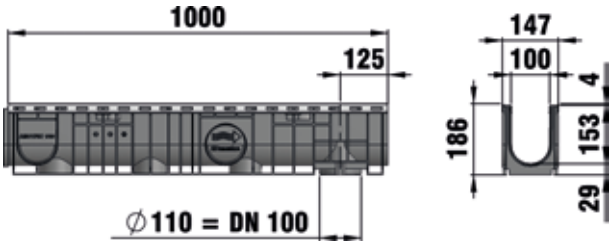
*** For frequently used areas we recommend FASERFIX SUPER KS Channels shallow (see CIVILS).**
The quality of stainless steel material corresponds to CNS 1.4301.

RECYFIX®PLUS 100

RECYFIX®PLUS 100, combi article, **class B 125**

Type 010 with mesh grating MW 30/10, galvanised, locked





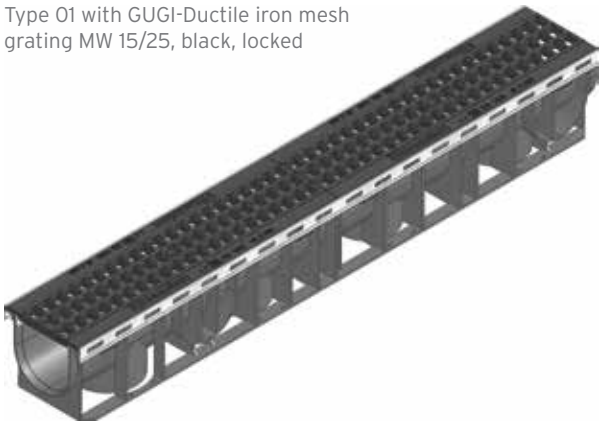
	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No. galvanised	Item No. stainless steel
Type 01 with mesh grating MW 30/10, galvanised, locked	1000	147	135	92	650	7,5	41420	41410
Type 010 with mesh grating MW 30/10, galvanised, locked	1000	147	186	142	650	8,5	41422	41412
Type 0105 with mesh grating MW 30/10, galvanised, locked	500	147	135	92	650	4,0	41427	41417
Type 01005 with mesh grating MW 30/10, galvanised, locked	500	147	186	142	650	4,4	41428	41418
Type 60 with mesh grating MW 30/10, galvanised, locked*	1000	147	60	35	650	6,0	41424	41414
Type 80 with mesh grating MW 30/10, galvanised, locked*	1000	147	80	55	650	6,2	41426	41416

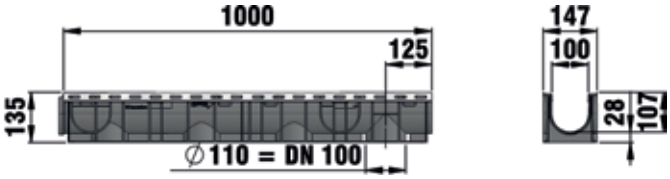
*** For frequently used areas we recommend FASERFIX SUPER KS Channels shallow (see CIVILS).**

RECYFIX®PLUS 100

RECYFIX®PLUS 100, combi article, **class C 250**

Type 01 with GUGI-Ductile iron mesh grating MW 15/25, black, locked





	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No. galvanised	Item No. stainless steel
Type 01 with GUGI-Ductile iron mesh grating MW 15/25, black, locked	1000	147	135	92	444	8,6	40360	41460
Type 010 with GUGI-Ductile iron mesh grating MW 15/25, black, locked	1000	147	186	142	444	9,5	40380	41480
Type 0105 with GUGI-Ductile iron mesh grating MW 15/25, black, locked	500	147	135	92	444	7,4	40365	41465
Type 0105 with GUGI-Ductile iron mesh grating MW 15/25, black, locked	500	147	186	142	444	7,8	40385	41485
Type 60 with GUGI-Ductile iron mesh grating MW 15/25, black, locked*	1000	147	60	35	444	7,4	40359	41459
Type 80 with GUGI-Ductile iron mesh grating MW 15/25, black, locked*	1000	147	80	55	444	7,5	40364	41464
Type 01 with ductile iron grating SW 14, locked	1000	147	135	92	450	9,0	40361	41461
Type 010 with ductile iron grating SW 14, locked	1000	147	186	142	450	9,9	40381	41481
Type 0105 with ductile iron grating SW 14, locked	500	147	135	92	450	7,6	40366	41466
Type 0105 with ductile iron grating SW 14, locked	500	147	186	142	450	8,0	40386	41486
Type 60 with ductile iron grating SW 14, black, locked*	1000	147	60	35	450	7,9	40362	41462
Type 80 with ductile iron grating SW 14, black, locked*	1000	147	80	55	450	8,0	40367	41467
Type 01 with ductile iron grating SW 6, locked	1000	147	135	92	290	10,0	40363	41463
Type 010 with ductile iron grating SW 6, locked	1000	147	186	142	290	10,9	40383	41483
Type 0105 with ductile iron grating SW 6, locked	500	147	135	92	290	8,1	40368	41468
Type 0105 with ductile iron grating SW 6, locked	500	147	186	142	290	8,5	40388	41488
Type 60 withductile iron gratingSW 6, black, locked*	1000	147	60	35	290	8,7	40372	41472
Type 80 with ductile iron grating SW 6, black, locked*	1000	147	80	55	290	8,8	40377	41477

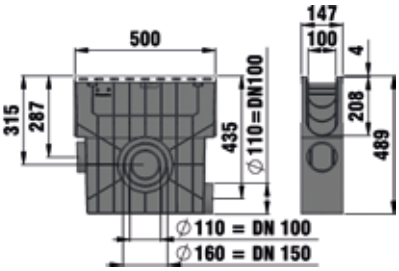
*** For frequently used areas we recommend FASERFIX SUPER KS Channels shallow (see CIVILS).**
Items are equipped with galvanised angle housings and ductile iron grating black or stainless steel angle housings and ductile iron grating black.

RECYFIX®PLUS 100

RECYFIX®PLUS 100, Accessories

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

Trash box with plastic bucket, with ductile iron grating SW 14, black, class C 250, locked



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

End cap combined made of PE-PP with outlet DN 70, type 010

	Length mm	Width mm	Height mm	Weight kg	Item No. galvanised	Item No. stainless steel
Trash box with plastic bucket, with perforated grating, stainless steel, car-traffic, locked	500	147	489	5,1	-	41449
Trash box with plastic bucket, with slotted grating SW 9, trafficable, locked	500	147	489	4,8	40353	41409
Trash box with plastic bucket, with mesh grating, MW 30/10, trafficable, locked	500	147	489	5,4	40354	-
Trash box with plastic bucket, with mesh grating MW 30/10, class B 125, locked	500	147	489	6,2	41429	41419
Trash box with plastic bucket, with GUGI-Ductile iron mesh grating MW 15/25, black, class C 250, locked	500	147	489	6,6	40358	41458
Trash box with plastic bucket, with ductile iron grating SW 14, black, class C 250, locked	500	147	489	6,8	40356	41456
Trash box with plastic bucket, with ductile iron grating SW 6, black, class C 250, locked	500	147	489	7,3	40357	41457
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	-	-	-	0,1	48081	-
End cap with outlet for type 01	-	-	-	0,1	48091	-
End cap closed for type 010	-	147	185	0,1	40282	-
End cap combined made of PE-PP with outlet DN 70, type 010	-	149	185	0,1	40283	-
End cap closed, made of PE-PP, for type 60	-	147	60	0,1	40284	-
End cap closed, made of PE-PP, for Type 80	-	147	65	0,1	40291	-
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	-

The quality of stainless steel material corresponds to CNS 1.4301.

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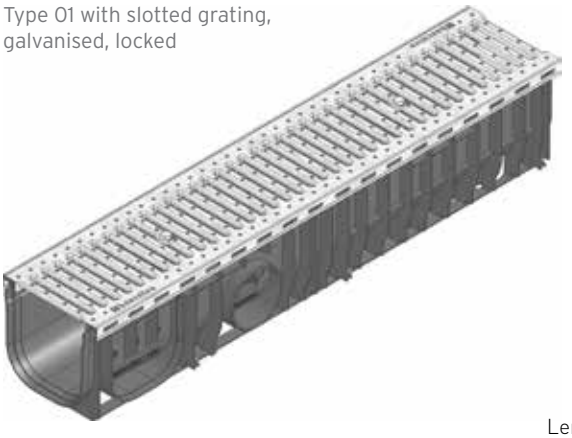
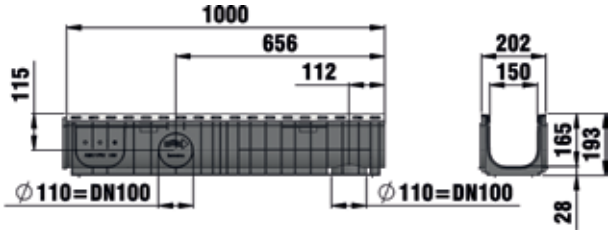
RECYFIX®PLUS 100

RECYFIX®PLUS 150

RECYFIX®PLUS 150, combi article, **class A 15**

Type 01 with slotted grating, galvanised, locked

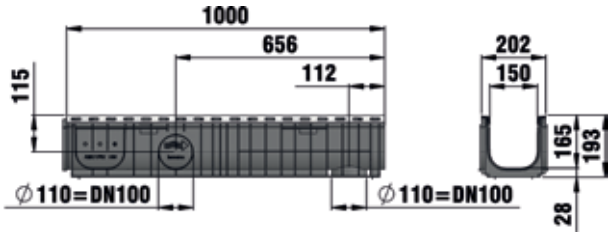




	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No.
Type 01 with slotted grating, galvanised, locked	1000	202	193	225	390	5,3	41064
Type 0105 with slotted grating, galvanised	500	202	188	225	390	3,4	41047
Type 100 with slotted grating, galvanised, locked	1000	202	100	117	390	5,6	41065

RECYFIX®PLUS 150, combi article, **class B 125**

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

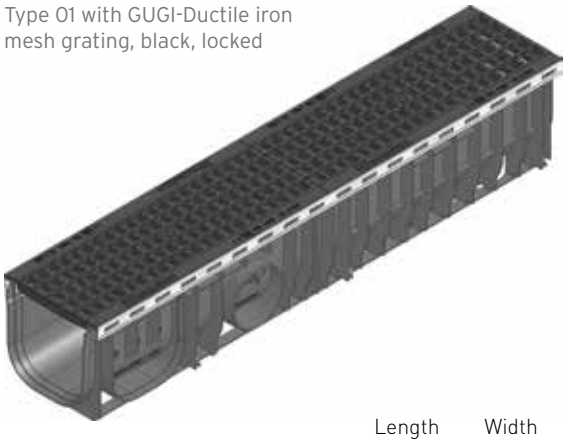


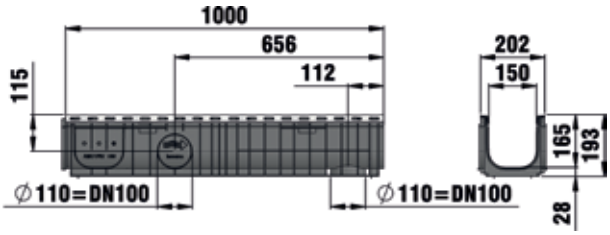
	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No.
Type 01 with mesh grating MW 30/30, galvanised, locked	1000	202	193	225	1081	7,8	41071
Type 0105 with mesh grating MW 30/30, galvanised, locked	500	202	193	225	1081	3,9	41046
Type 100 with mesh grating MW 30/30, galvanised, locked	1000	202	100	117	1081	7,6	41035
Type 01 with mesh grating MW 30/10, galvanised, locked	1000	202	193	225	1098	8,8	41077
Type 0105 with mesh grating MW 30/10, galvanised, locked	500	202	193	225	1098	2,9	41048
Type 100 with mesh grating MW 30/10, galvanised, locked	1000	202	100	117	1098	8,8	41036

RECYFIX®PLUS 150

RECYFIX®PLUS 150, combi article, **class C 250**

Type 01 with GUGI-Ductile iron mesh grating, black, locked



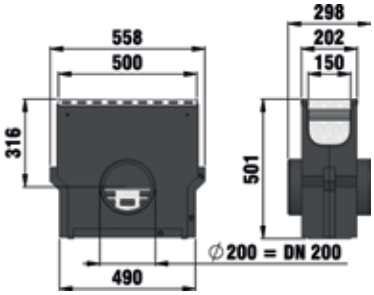


	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No. galvanised	Item No. stainless steel
Type 01 with GUGI-Ductile iron mesh grating, black, locked	1000	202	193	225	745	13,8	41075	42675
Type 0105 with GUGI-Ductile iron mesh grating MW 15/25, black, locked	500	202	193	225	745	6,1	41049	-
Type 100 with GUGI-Ductile iron mesh grating MW 15/25, black, locked	1000	202	100	117	745	12,6	41041	-
Type 01 with ductile iron grating, black, SW 6 mm, locked	1000	202	193	225	400	12,8	41076	42676
Type 0105 with ductile iron grating black, SW 6 mm, locked	500	202	-	-	400	8,1	41050	-
Type 100 with ductile iron grating black, SW 6 mm, locked	1000	202	100	117	400	14,0	41037	-

The quality of stainless steel material corresponds to CNS 1.4301.

RECYFIX®PLUS 150

RECYFIX®PLUS 150, Accessories



Trash box with galvanised bucket, with GUGI-Ductile iron mesh grating MW 15/25, galvanised, class C250 locked

Foul air trap, vertical, DN 100

End cap combined made of PE-PP with outlet DN 70/100, Type 01

End cap closed, type 100

	Length mm	Width mm	Height mm	Weight kg	Item No. galvanised	Item No. stainless steel
Trash box with slotted grating, cl. A 15, galvanised	500	202	495	17,3	41055	-
Trash box with galvanised bucket, with mesh grating MW 30/30, galvanised, class B 125, locked	500	202	495	18,6	41054	-
Trash box with galvanised bucket, with mesh grating MW 30/10, galvanised, class B 125, locked	500	202	495	18,6	41056	-
Trash box with galvanised bucket, with GUGI-Ductile iron mesh grating MW 15/25, galvanised, class C250 locked	500	202	495	20,7	41053	42653
Trash box with galvanised bucket, with ductile iron grating SW 6 mm, black, cl. C 250, locked	500	202	495	20,5	41058	42658
Foul air trap, vertical, DN 100	-	-	-	0,6	40295	-
End cap combined made of PE-PP with outlet DN 70/100, Type 01	29	210	203	0,1	40191	-
End cap closed, type 100	-	210	100	0,1	40190	-
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	-

The quality of stainless steel material corresponds to CNS 1.4301.

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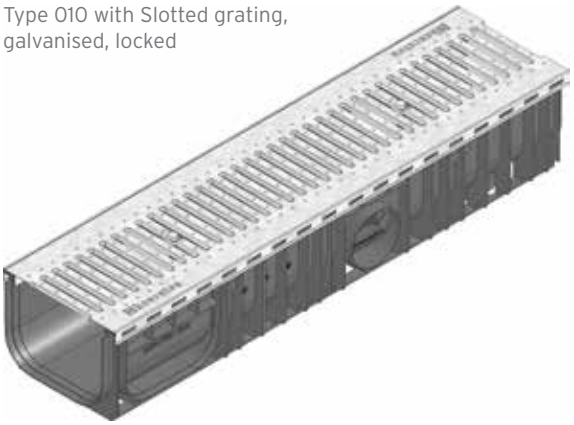
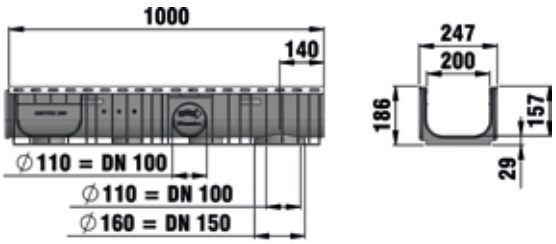
RECYFIX®PLUS 150

RECYFIX®PLUS 200

RECYFIX®PLUS 200, combi article, **class A 15**

Type 010 with Slotted grating, galvanised, locked



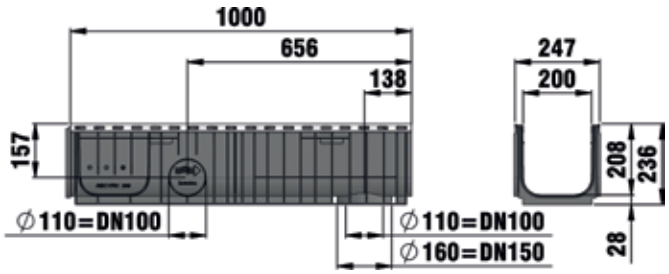


	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No.
Type 010 with Slotted grating, galvanised, locked	1000	247	186	290	390	7,7	40748
Type 020 with Slotted grating, galvanised, locked	1000	247	236	366	390	8,2	40749

The quality of stainless steel material corresponds to CNS 1.4301.

RECYFIX®PLUS 200, combi article, **class B 125**

Type 020 with mesh grating MW 30/10, locked



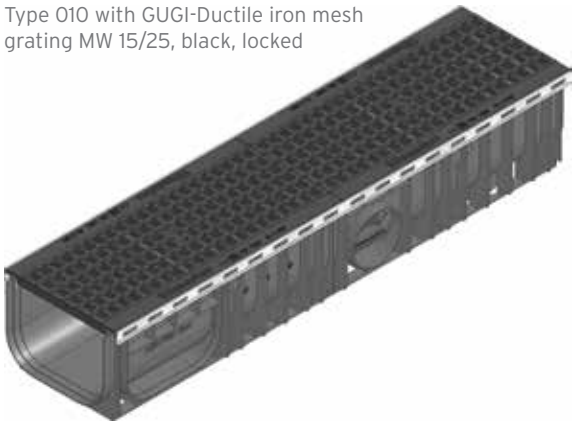
	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No. galvanised	Item No. stainless steel
Type 010 with mesh grating MW 30/30, locked	1000	247	186	290	1620	10,3	40771	42771
Type 020 with mesh grating MW 30/30, locked	1000	247	236	366	1620	11,5	40773	42773
Type 100 with mesh grating MW 30/30, locked	1000	247	100	147	1620	9,3	40735	42735
Type 010 with mesh grating MW 30/10, locked	1000	247	186	290	1442	12,2	40785	-
Type 020 with mesh grating MW 30/10, locked	1000	247	236	366	1442	12,7	40786	-
Type 100 with mesh grating MW 30/10, locked	1000	247	100	147	1442	11,1	40736	-

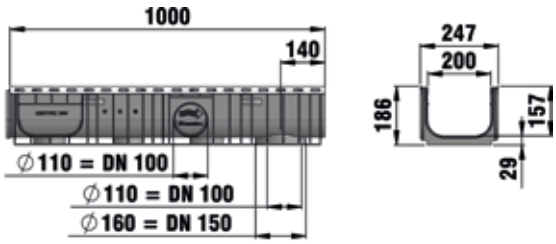
The quality of stainless steel material corresponds to CNS 1.4301.

RECYFIX®PLUS 200

RECYFIX®PLUS 200, combi article, **class C 250**

Type 010 with GUGI-Ductile iron mesh grating MW 15/25, black, locked





	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No. galvanised	Item No. stainless steel
Type 010 with GUGI-Ductile iron mesh grating MW 15/25, black, locked	1000	247	186	290	825	16,6	40770	42770
Type 020 with GUGI-Ductile iron mesh grating MW 15/25, black, locked	1000	247	236	366	825	17,1	40772	42772
Type 100 with GUGI-Ductile iron mesh grating MW 15/25, black, locked	1000	247	100	147	825	15,1	40741	42741
Type 010 with ductile iron grating 2 x 85/20, black, locked	1000	247	186	290	822	16,2	40760	42760
Type 020 with ductile iron grating 2 x 85/20, black, locked	1000	247	236	366	822	16,8	40761	42761
Type 100 with ductile iron grating SW 20.5, black, locked	1000	247	100	147	822	14,9	40740	42740
Type 010 with ductile iron grating, SW 6 mm, locked	1000	247	186	290	656	19,0	40788	42788
Type 020 with ductile iron grating, SW 6 mm, locked	1000	247	236	366	656	19,1	40789	42789
Type 100 with ductile iron grating, SW 6 mm, locked	1000	247	100	147	656	17,6	40787	42787

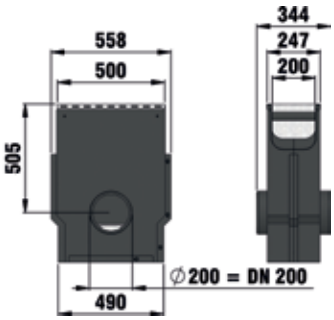
The quality of stainless steel material corresponds to CNS 1.4301.
Items are equipped with galvanised angle housings and ductile iron grating black or stainless steel angle housings and ductile iron grating black.

RECYFIX®PLUS 200

RECYFIX®PLUS 200, Accessories

Trash box with mesh grating MW 30/10, galvanised, cl. B 125, locked

Trash box with GUGI-ductile iron grating MW 15/25, black, cl. C 250, locked



End cap combined made of PE-PP with outlet DN 100, Type 010

	Length mm	Width mm	Height mm	Weight kg	Item No. galvanised	Item No. stainless steel
Trash box with galvanised mud bucket and Slotted grating, galvanised, class A 15, locked	500	247	735	29,0	40765	-
Trash box with mesh grating MW 30/30, galvanised, cl. B 125, locked	500	247	735	27,6	40756	42756
Trash box with mesh grating MW 30/10, galvanised, cl. B 125, locked	500	247	735	29,2	40757	-
Trash box with GUGI-ductile iron grating MW 15/25, black, cl. C 250, locked	500	247	735	31,4	40753	42753
Trash box with ductile iron grating SW 20, black, cl. C 250, locked	500	247	735	31,2	40754	42754
Trash box with galvanised mud bucket and ductile iron grating, SW 6 mm, locked	500	247	735	32,5	40793	42793
End cap combined made of PE-PP with outlet DN 100, Type 010	-	256	200	0,2	40792	-
End cap closed, Type 01	-	260	275	1,1	12081	12581
End cap closed, type 100	-	-	80	0,1	40690	-
End cap combined made of PE-PP with outlet DN 70, Type 010	-	256	185	0,2	40692	-
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	-

The quality of stainless steel material corresponds to CNS 1.4301.

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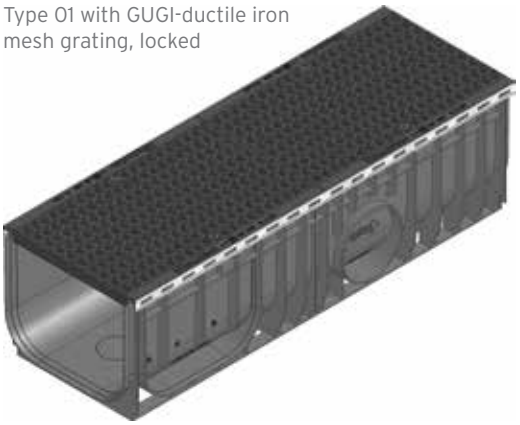
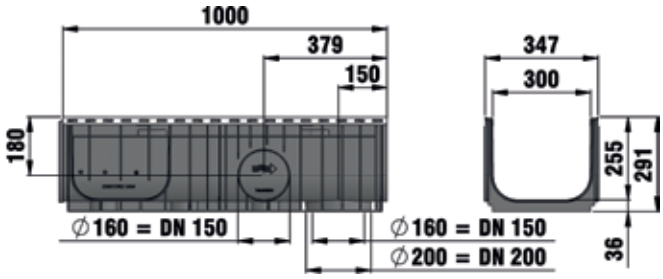
RECYFIX®PLUS 200

RECYFIX®PLUS 300

RECYFIX®PLUS 300, combi article, **class C 250**

Type 01 with GUGI-ductile iron mesh grating, locked

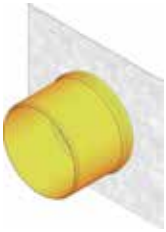




	Length mm	Width mm	Height mm	Drainage cross-sect. cm²	Intake cross-sect. cm²/m	Weight kg	Item No.
Type 01 with GUGI-ductile iron mesh grating, locked	1000	347	291	730	1327	30,1	41970

RECYFIX®PLUS 300, **Accessories**

End cap closed, galvanised, type 01



End cap with vertical UPVC outlet, galvanised, type 01

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, galvanised, type 01	-	360	340	1,8	40882
End cap with vertical UPVC outlet, galvanised, type 01	-	360	340	2,3	40892
Sealing material Sikaflex TS Fast, 600 ml, tubular bag, black	-	-	-	0,6	6890
Tubular pistol for Sikaflex TS Fast	-	-	-	1,3	6891