



NEW
nominal sizes
and articles

RECYFIX[®]NC

Extremly stable and lightweight -
channels made of PP for civil engineering



My benefit as an Civil Engineer with **RECYFIX®NC**:

**„I've been waiting for a channel made of PP
for civil engineering. Stable, CE-compliant and
ecological material.“**



meets all required standards



high stability



My benefit:
safety

CE conform

My benefit as an Building Contractor with **RECYFIX®NC**:

„The channel is delivered on site assembled with inlaying grating and is very lightweight. Hence the installation is quick and cost-effective.“



simple handling on site



prefabricated ready to install



My benefit:
cost saving



One channel in NS 100
with grating = **11 kg**



RECYFIX®NC

Extremely stable and lightweight - channels made of PP for civil engineering.

1 Requirement

Modern drainage systems must

- permanently withstand to high loads and large forces.
- be easy to install.
- be resistant to environmental influences (frost, heat, humidity).
- comply EN 1433.

3 Solutions

RECYFIX NC channels:

- made of PP for civil engineering
- load capacity up to E 600 according to EN 1433
- maximum security through 8-fold bolt fixing
- very lightweight, quick and cost saving installation.

2 Application areas

- traffic areas for industry
- loading and unloading zones
- car parks
- pedestrian areas
- public areas
- petrol stations





Traffic areas for industry



Petrol stations



Access road



Car park

The benefit of **RECYFIX®**NC channels



high stability

- stable, durable ductile iron grating
- RECYFIX® NC 100, 200, 300: load class E 600
- RECYFIX® NC 400: load class D 400
- 8-fold bolted

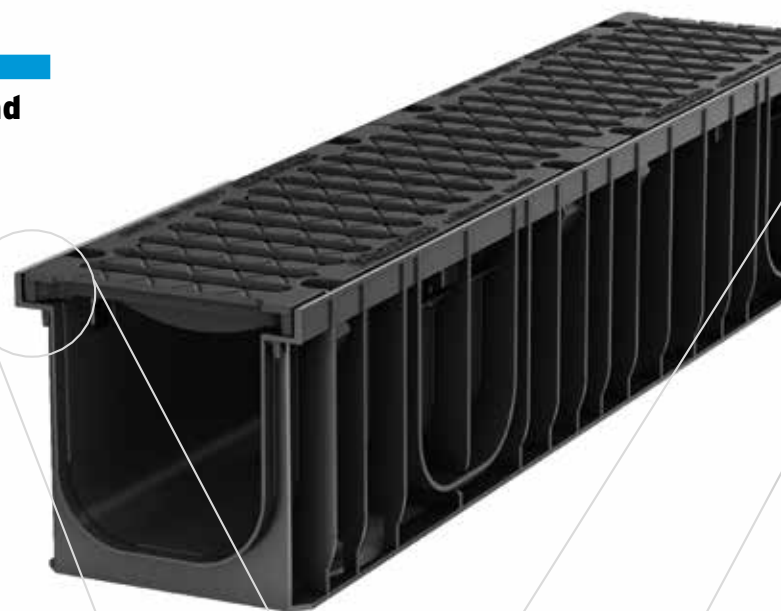
= safety & durability



standards and approvals

- certified to EN 1433
- CE-marking

= safety



low weight ensures easy handling on site

- much easier handling on site compared to channels made of polymer concrete
- very easy handling and installation
- maximum stability with minimum weight

= cost saving

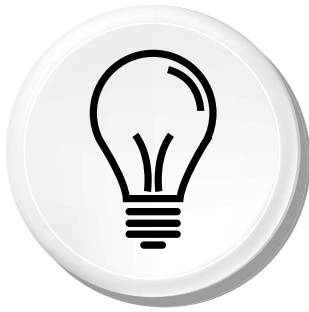


integrated angle housing

- angle housing acc. EN 1433
- angle housing is molded as an integral part of the channel body (made of PP)
- ridges to stop any lateral movement

= safety





continuous innovation

- 20 years of experience
- unique material: 100 % recycled material

= safety



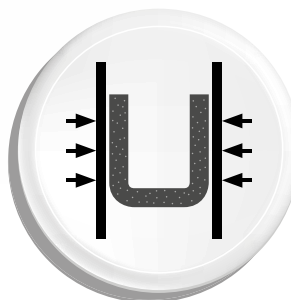
prefabricated ready to install

- channel and grating = one part
- no single parts
- easy handling in stock and on site
- cost-effective transportation

= more earnings



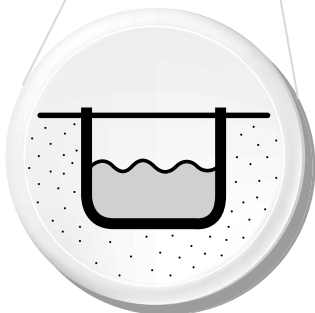
Exclusive :
The first channel made of PP with nominal width 400



high-grade material

- RECYFIX - stable and nearly unbreakable
- flexible and particularly resistant material
- withstands high traffic loads and temperature differences in daily use

= safety & durability



high hydraulic capacity

- drainage cross-section = 1640 cm²
- more area per channel meter can be drained

= safety

RECYFIX®NC

Extremely stable and lightweight - channels made of PP for civil engineering.

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

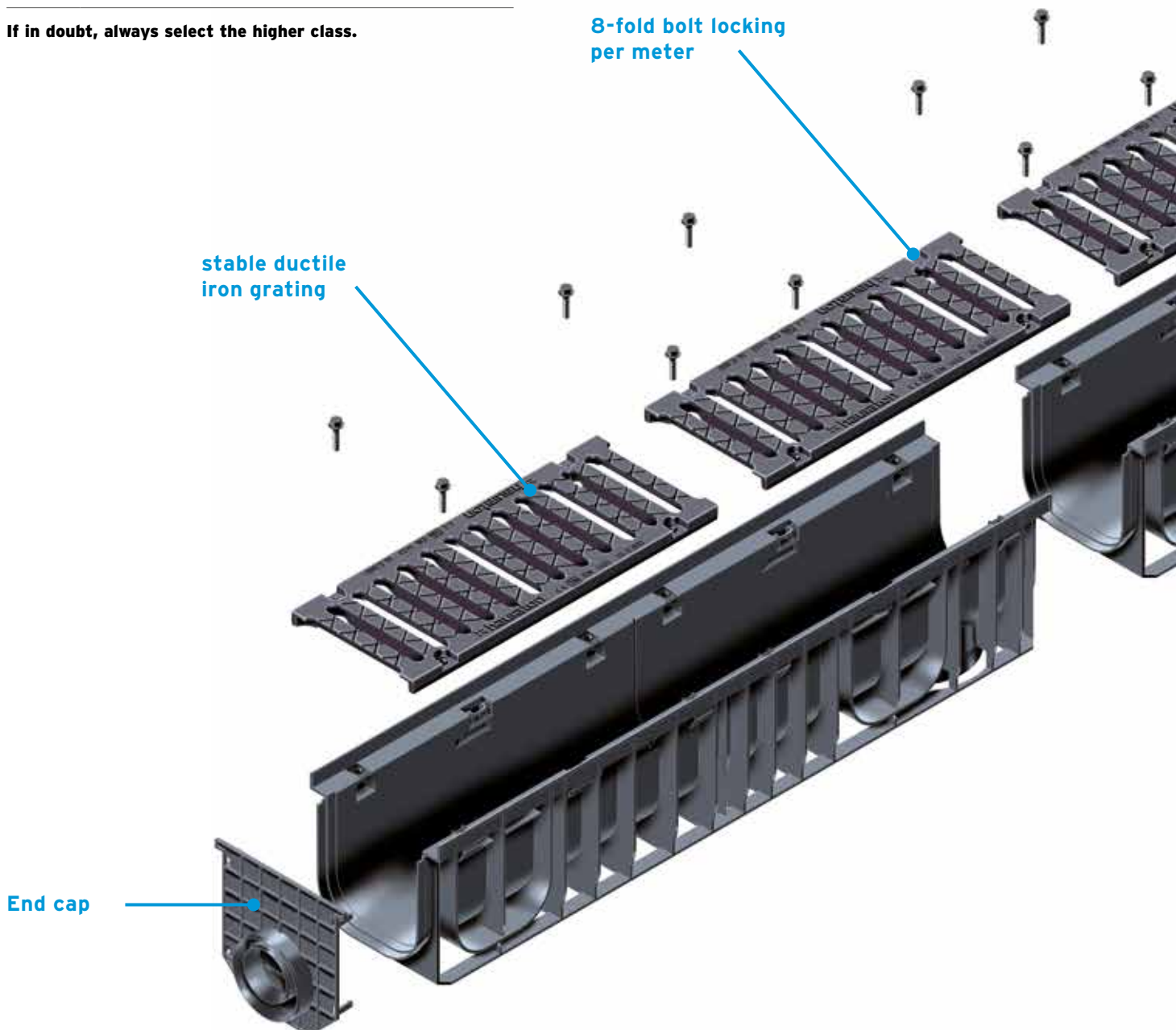


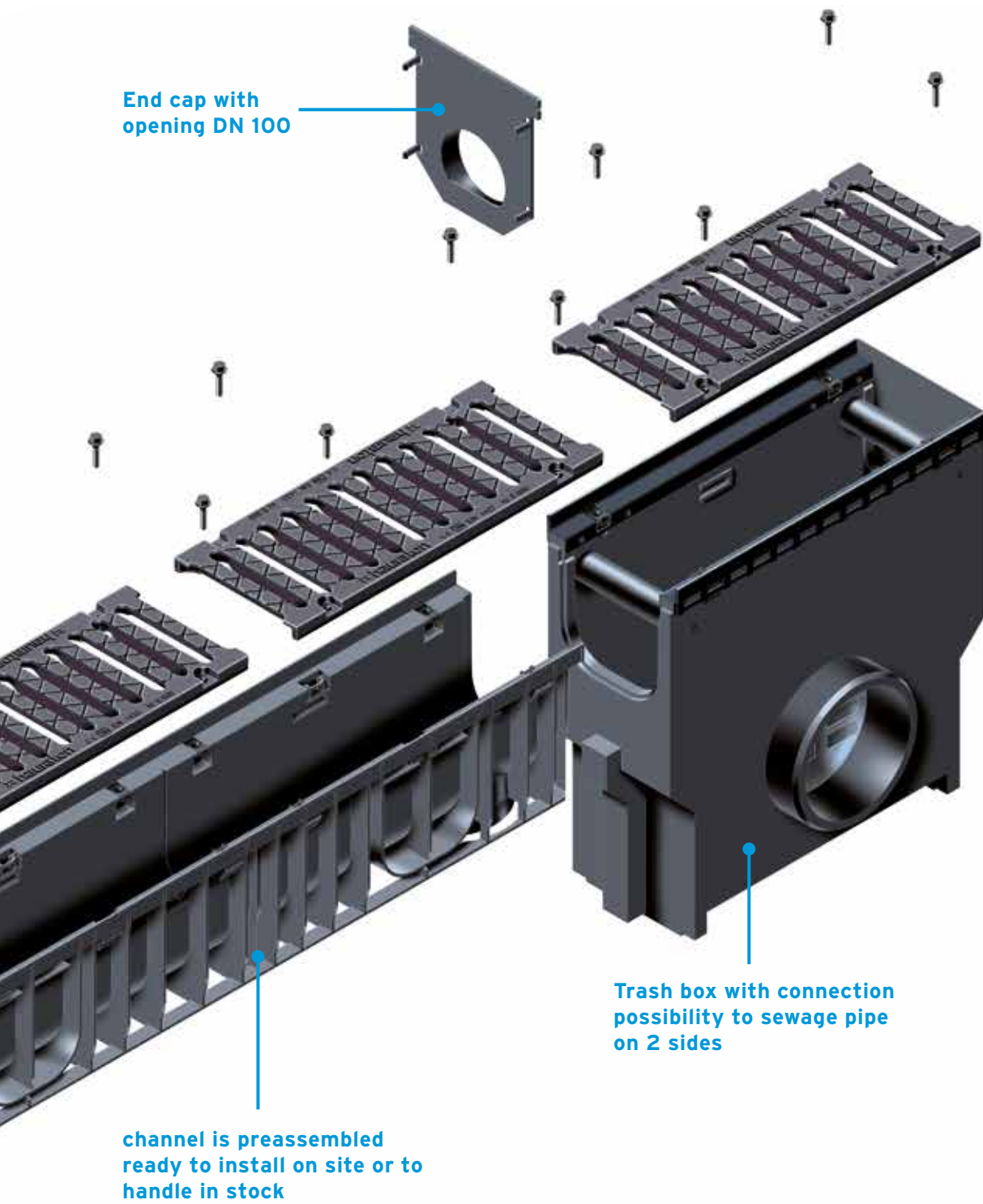
Category D 400,
Load class 400 kN



Category E 600,
Load class 600 kN

If in doubt, always select the higher class.



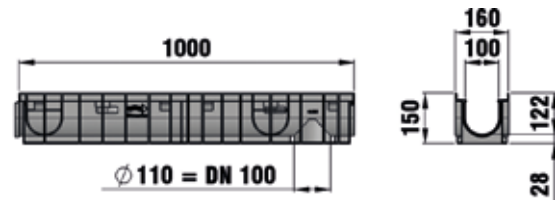
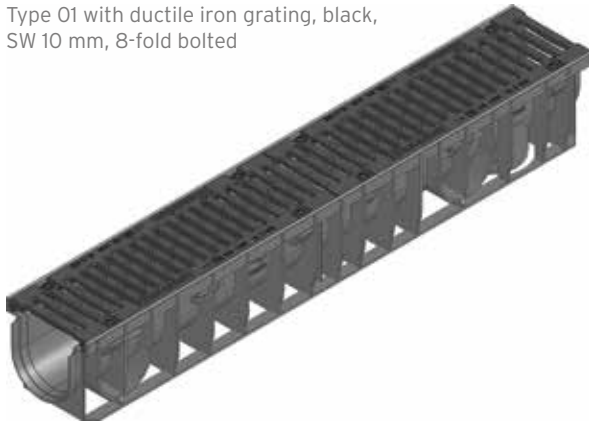


RECYFIX®NC 100

Combi article

RECYFIX®NC 100, class D 400 **NEW**

Type 01 with ductile iron grating, black, SW 10 mm, 8-fold bolted

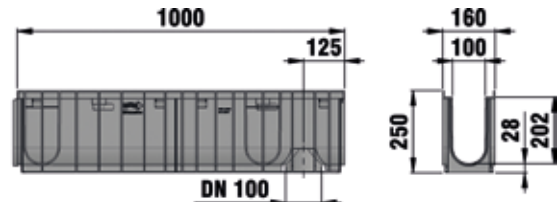
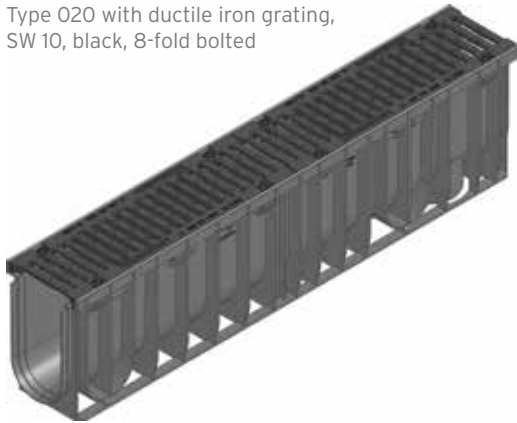


	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 01 with ductile iron grating, black, SW 10 mm, 8-fold bolted	1000	160	150	92	427	10,7	48771
Type 0105 with ductile iron grating, black, SW 10 mm, 4-fold bolted	500	160	150	92	427	5,4	48746
Type 010 with ductile iron grating, black, SW 10 mm, 8-fold bolted	1000	160	200	142	427	11,6	48773
Type 01005 with ductile iron grating, black, SW 10 mm, 4-fold bolted	500	160	200	142	427	5,8	48745
Type 020 with ductile iron grating, SW 10, black, 8-fold bolted	1000	160	250	192	427	12,4	48777
Type 02005 with ductile iron grating, SW 10, black, 8-fold bolted	500	160	250	192	427	6,2	48779
Type 75 with ductile iron grating, SW 10, black, 8-fold bolted	1000	160	75	35	427	10,3	48775

RECYFIX®NC 100

RECYFIX®NC 100, class E 600

Type 020 with ductile iron grating, SW 10, black, 8-fold bolted

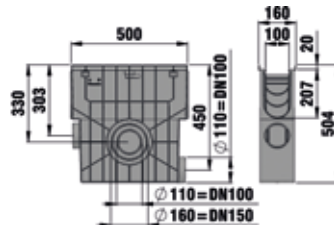


	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 01 with ductile iron grating, black, SW 10 mm, 8-fold bolted	1000	160	150	92	427	10,7	48770
Type 0105 with ductile iron grating, black, SW 10 mm, 4-fold bolted	500	160	150	92	427	5,4	48748
Type 010 with ductile iron grating, black, SW 10 mm, 8-fold bolted	1000	160	200	142	427	11,6	48772
Type 01005 with ductile iron grating, black, SW 10 mm, 4-fold bolted	500	160	200	142	427	5,8	48747
NEW Type 020 with ductile iron grating, SW 10, black, 8-fold bolted	1000	160	250	192	427	12,5	48776
NEW Type 02005 with ductile iron grating, SW 10, black, 8-fold bolted	500	160	250	192	427	6,2	48778
NEW Type 75 with ductile iron grating, black, SW 10 mm, 8-fold bolted	1000	160	75	35	427	10,2	48774

RECYFIX® NC 100

Accessories

Trash boxes



Trash box with plastic bucket, with ductile iron grating, black, SW 10 mm, class E 600, 4-fold bolted

NEW

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with plastic bucket, with ductile iron grating, black, SW 10 mm, class D 400, 4-fold bolted	500	160	504	8,3	48754
Trash box with plastic bucket, with ductile iron grating, black, SW 10 mm, class E 600, 4-fold bolted	500	160	504	8,3	48753

End caps



End cap closed for type 01



End cap made of PP with outlet DN 100 for type 01

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed for type 01	-	160	124	-	48681
End cap made of PP with outlet DN 100 for type 01	-	160	200	0,1	48691
End cap closed for type 010	-	160	176	0,1	47082
End cap made of PP with outlet DN 100 for type 010	-	160	201	0,1	47093
End cap made of PP, type 020	-	160	-	0,1	48683
End cap made of PP with outlet DN 100, type 020	-	160	-	0,1	48695
End cap Type 75	-	160	61	-	47097

RECYFIX® NC 100

Further accessories **NEW**



Step Fall Adapter for step slope, from type 01 to type 010, from type 010 to type 020

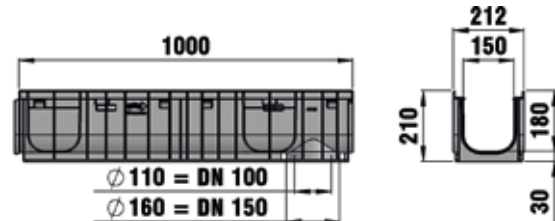
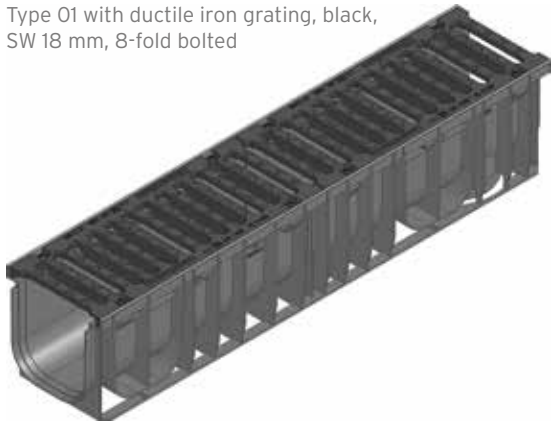
	Length mm	Width mm	Height mm	Weight kg	Item No.
Step Fall Adapter for step slope, from type 01 to type 010, from type 010 to type 020	174	98	92	0,2	48790
RECYFIX sealing material, 290 ml	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054
Holesaw, Ø 102 mm, with tool holder for a drill	-	-	-	0,6	980

RECYFIX®NC 150

Combi article

RECYFIX®NC 150, class D 400 **NEW**

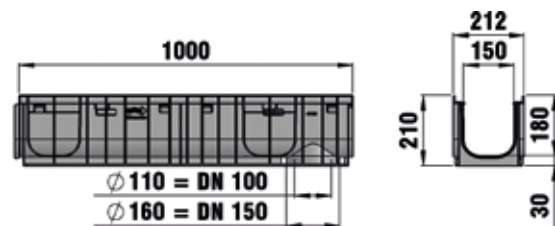
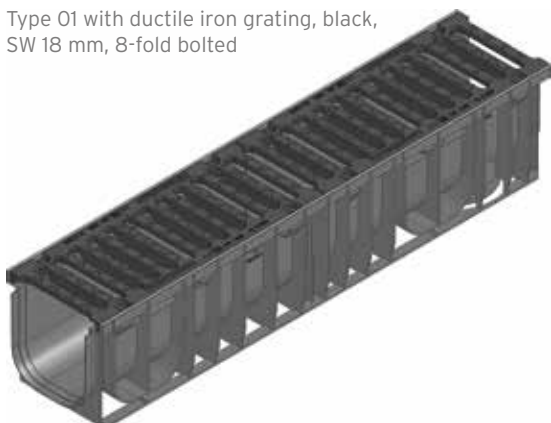
Type 01 with ductile iron grating, black, SW 18 mm, 8-fold bolted



	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 01 with ductile iron grating, black, SW 18 mm, 8-fold bolted	1000	212	210	230	702	15,7	48871
Type 0105 with ductile iron grating, black, SW 18 mm, 4-fold bolted	500	212	210	230	702	7,9	48847

RECYFIX®NC 150, class E 600

Type 01 with ductile iron grating, black, SW 18 mm, 8-fold bolted

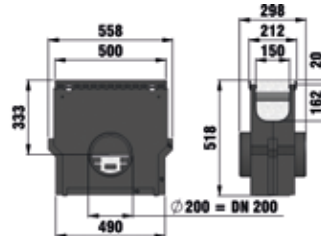


	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 01 with ductile iron grating, black, SW 18 mm, 8-fold bolted	1000	212	210	230	702	15,7	48870
Type 0105 with ductile iron grating, black, SW 18 mm, 4-fold bolted	500	212	210	230	702	7,9	48848

RECYFIX® NC 150

Accessories

Trash boxes



Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 600, 4-fold bolted

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E D00, 4-fold bolted	500	212	518	22,9	48854
NEW Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 600, 4-fold bolted	500	212	518	22,9	48853

End caps



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

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap combined, PP with outlet DN 70/100 for type 01	-	210	218	0,2	40591

Further accessories **NEW**

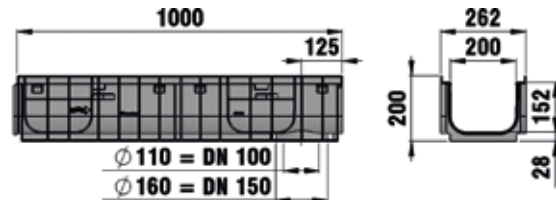
	Length mm	Width mm	Height mm	Weight kg	Item No.
RECYFIX sealing material, 290 ml	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054
Holesaw, Ø 102 mm, with tool holder for a drill	-	-	-	0,6	980

RECYFIX®NC 200

Combi article

RECYFIX®NC 200, class D 400 **NEW**

Type 010 with ductile iron grating, black, SW 18 mm, 8-fold bolted

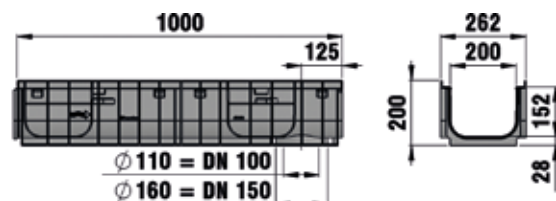


	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 010 with ductile iron grating, black, SW 18 mm, 8-fold bolted	1000	262	200	294	936	20,8	49573
Type 01005 with ductile iron grating, black, SW 18 mm, 4-fold bolted	500	262	200	294	936	10,4	49548

Combi article

RECYFIX®NC 200, class E 600

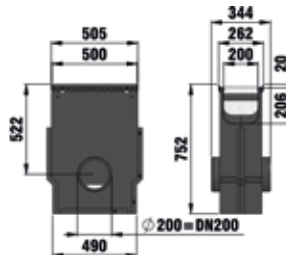
Type 010 with ductile iron grating, black, SW 18 mm, 8-fold bolted



	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 010 with ductile iron grating, black, SW 18 mm, 8-fold bolted	1000	262	200	294	936	20,8	49572
Type 01005 with ductile iron grating, black, SW 18 mm, 4-fold bolted	500	262	200	294	936	10,4	49547

Accessories

Trash boxes



Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 600, 4-fold bolted

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class D 400, 4-fold bolted	500	262	752	35,2	49554
NEW Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 600, 4-fold bolted	500	262	752	35,2	49553

End caps



End cap combined made of PP closed / with outlet DN 100, Type 010

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap combined made of PP closed / with outlet DN 100, Type 010	-	258	217	0,2	41387

Further accessories **NEW**

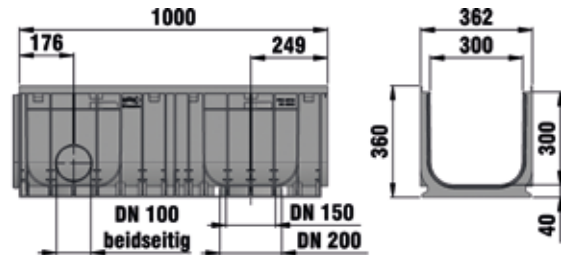
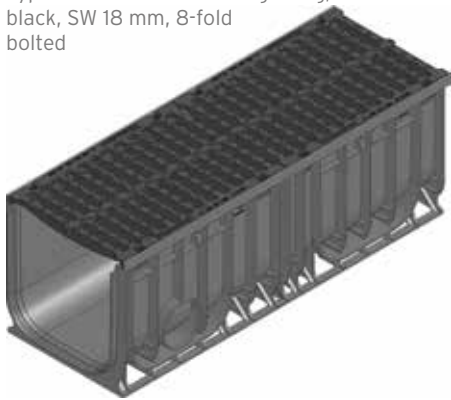
	Length mm	Width mm	Height mm	Weight kg	Item No.
RECYFIX sealing material, 290 ml	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054
Holesaw, Ø 102 mm, with tool holder for a drill	-	-	-	0,6	980

RECYFIX®NC 300 **NEW**

Combi article

RECYFIX®NC 300, class D 400

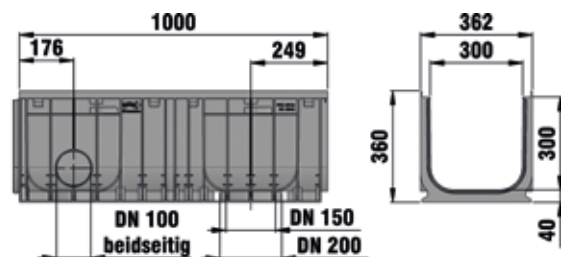
Type 010 with ductile iron grating, black, SW 18 mm, 8-fold bolted



	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 010 with ductile iron grating, black, SW 18 mm, 8-fold bolted	1000	362	360	873	1293	34,7	49873

RECYFIX®NC 300, class E 600

Type 010 with ductile iron grating, black, SW 18 mm, 8-fold bolted



	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 010 with ductile iron grating, black, SW 18 mm, 8-fold bolted	1000	362	360	873	1293	35,0	49872

RECYFIX® NC 300 **NEW**

Accessories

End caps



end cap closed, galvanised,
type 010



End cap with horizontal UPVC-
outlet DN 200, galvanised,
Type 010

	Length mm	Width mm	Height mm	Weight kg	Item No.
end cap closed, galvanised, type 010	-	360	360	1,9	49783
End cap with horizontal UPVC-outlet DN 200, galvanised, Type 010	-	360	360	2,6	49791

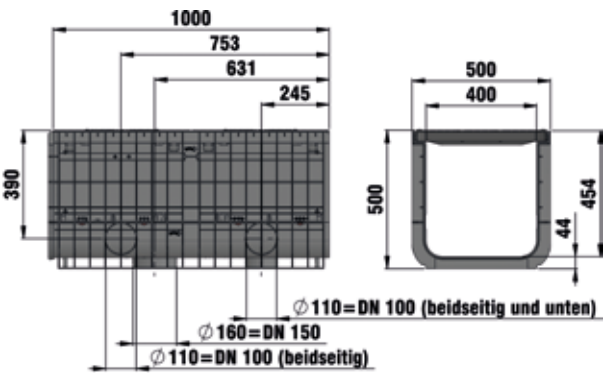
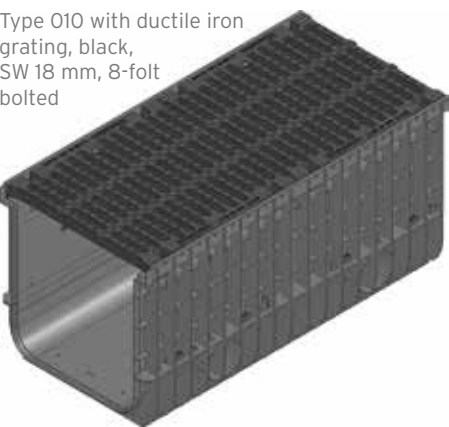
Further accessories

	Length mm	Width mm	Height mm	Weight kg	Item No.
RECYFIX sealing material, 290 ml	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054
Holesaw, Ø 102 mm, with tool holder for a drill	-	-	-	0,6	980

RECYFIX®NC 400 NEW

Combi article

RECYFIX®NC 400, class D 400



	Length mm	Width mm	Height mm	Drainage cross-sect. cm ²	Intake cross-sect. cm ² /m	Weight kg	Item No.
Type 010 with ductile iron grating, black, SW 18 mm, 8-fold bolted	1000	500	500	1640	1753	57,2	42421

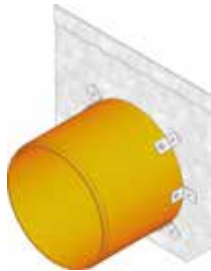
RECYFIX® NC 400 **NEW**

Accessories

End caps



End cap closed, type 010



End cap with horizontal UPVC - outlet DN 300, type 010

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, type 010	-	500	498	3,1	42481
End cap with horizontal UPVC - outlet DN 300, type 010	-	500	498	4,9	42487

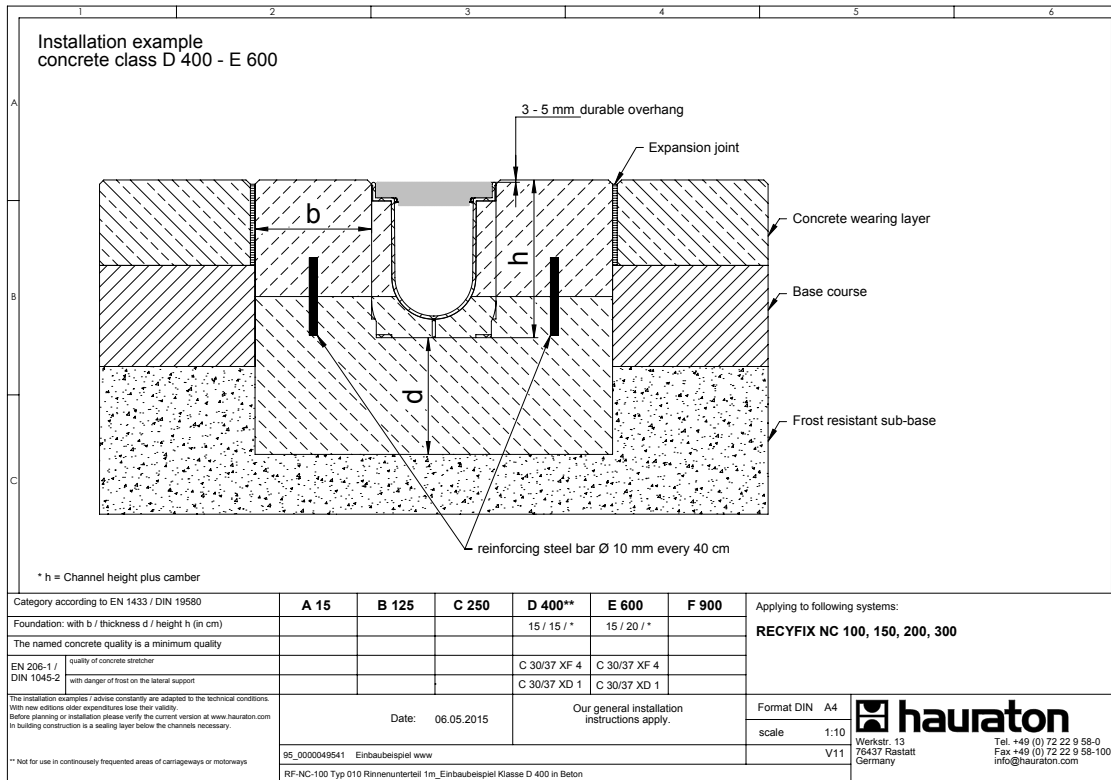
Further accessories

	Length mm	Width mm	Height mm	Weight kg	Item No.
RECYFIX sealing material, 290 ml	-	-	-	0,5	19053
RECYFIX primer, 250 ml	-	-	-	0,5	19054
Holesaw, Ø 102 mm, with tool holder for a drill	-	-	-	0,6	980

Installation examples

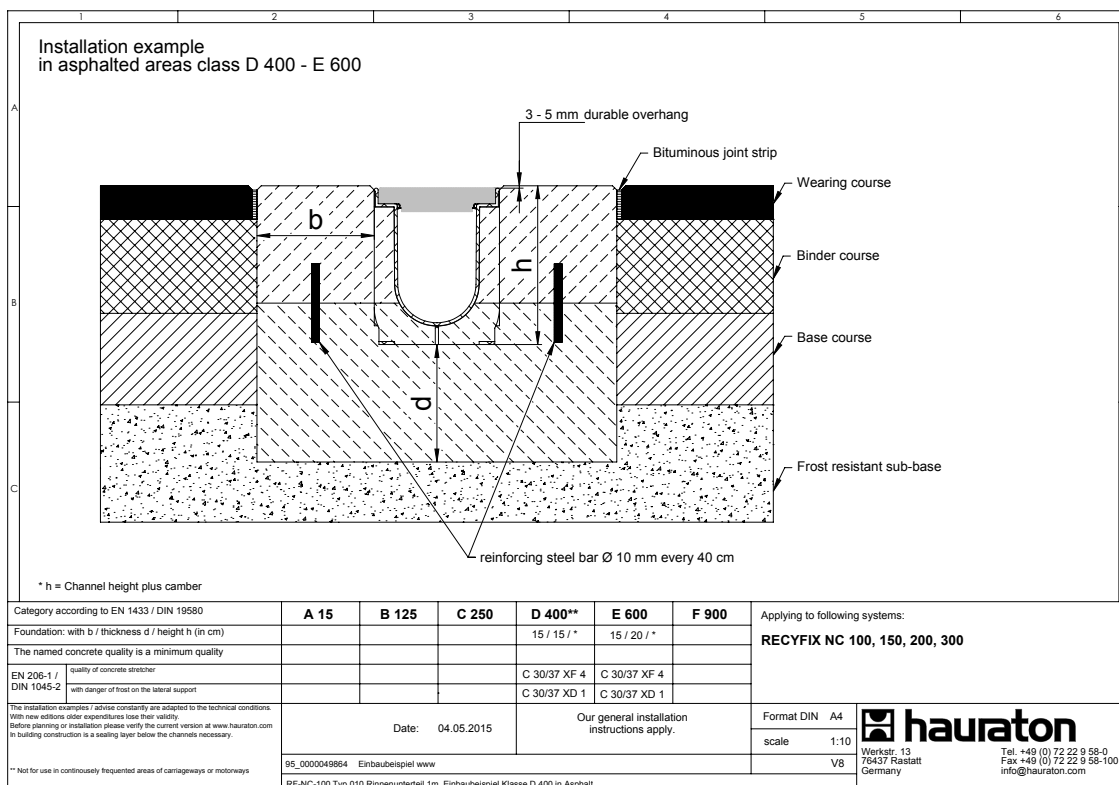
Installation example concrete, RECYFIX® NC 100, 150, 200, 300

Class D 400 - E 600



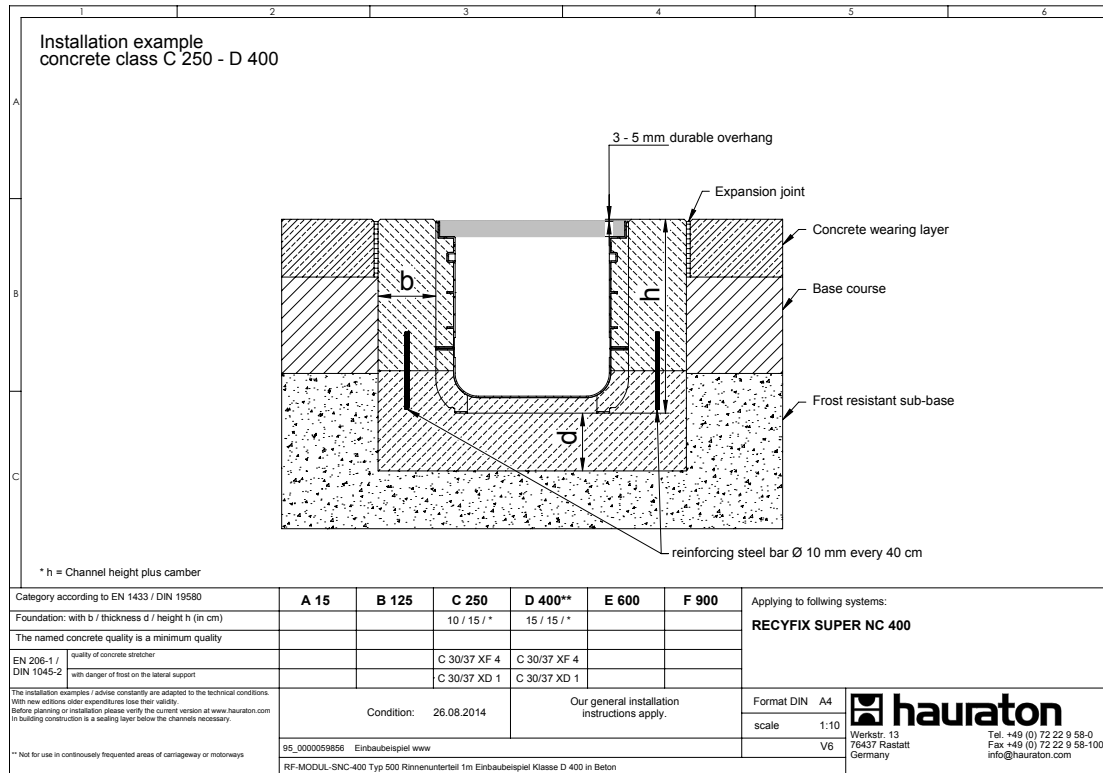
Installation example asphalt, RECYFIX® NC 100, 150, 200, 300

Class D 400 - E 600



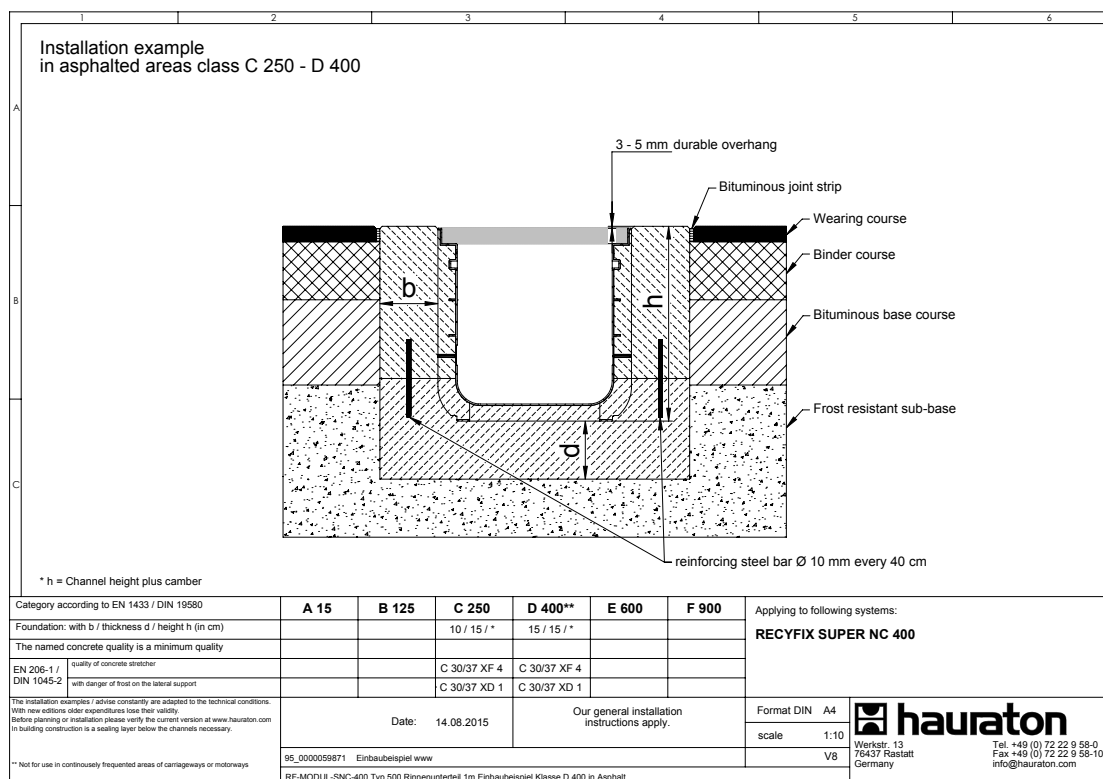
Installation example concrete, RECYFIX®NC 400

Class C 250 - D 400



Installation example asphalt, RECYFIX®NC 400

Class C 250 - D 400





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All drawings, measurements and weights are noncommittal. We reserve the right to do technical changes for improvement.

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