

# RECYFIX®NC

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







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

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



meets all required standards



high stability



*My benefit:*  
**security**

**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**



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## 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:

- channels made of PE-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



Industrial yards





Loading and unloading zones



Industrial yards



Access roads



Car park

# The benefit of **RECYFIX®**NC channels



## High stability

- stable, durable ductile iron grating
- high quality ductile iron
- 8-fold bolted

**= security**



## Standards and approvals

- certified to EN 1433
- CE-marking

**= security**

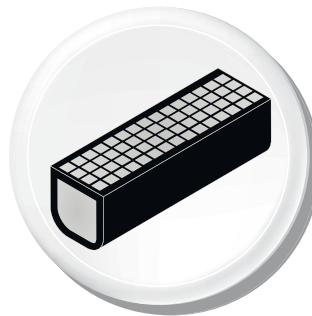


## Low weight ensures easy handling on site

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

**= cost saving**

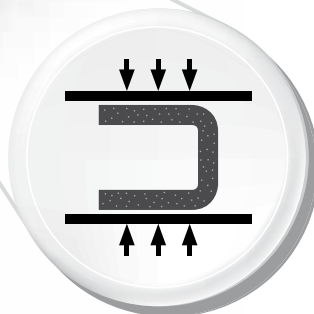




### **prefabricated ready to install**

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

**= more earnings**



### **High-grade material**

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

**= security**



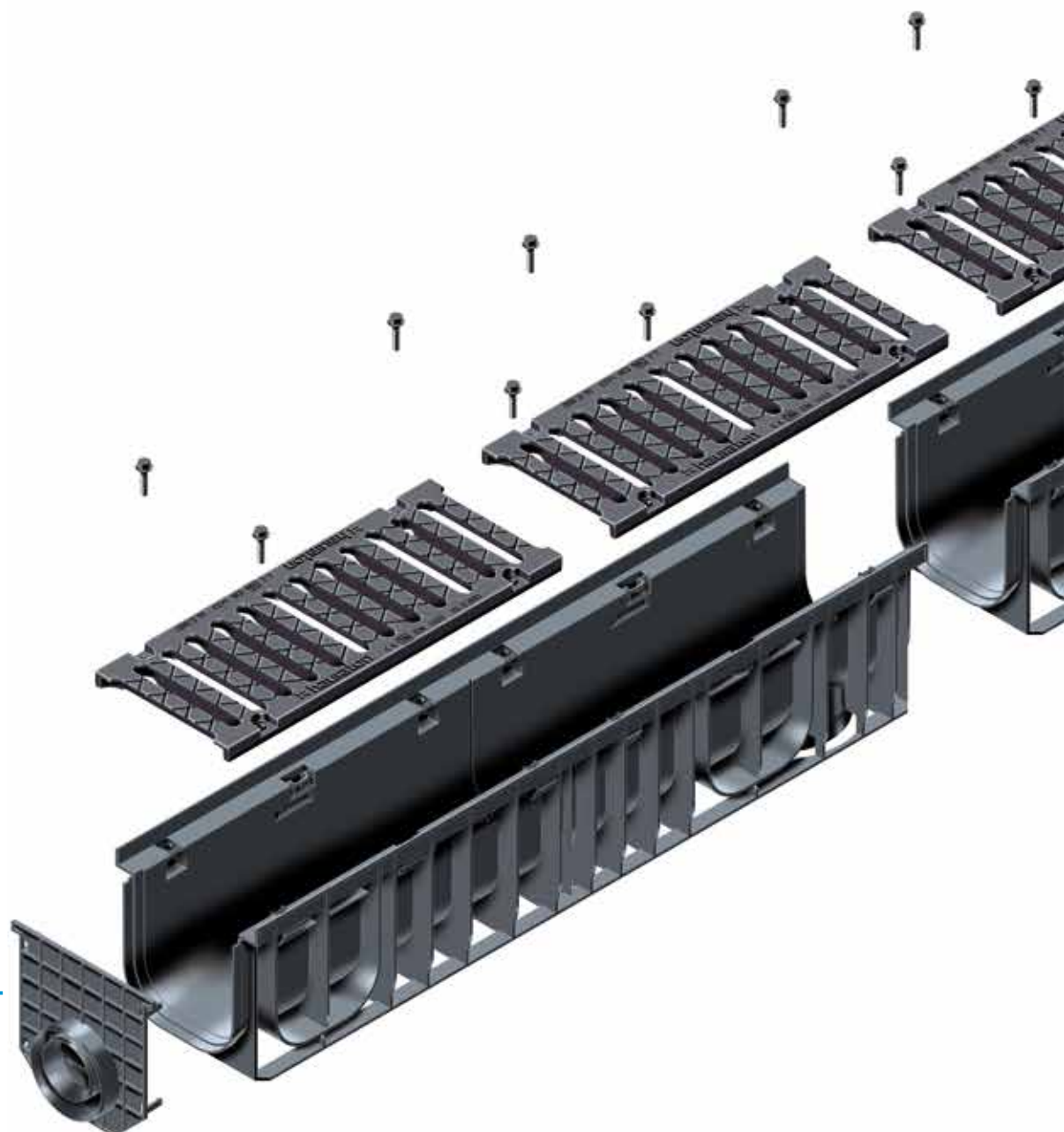
# RECYFIX®NC

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

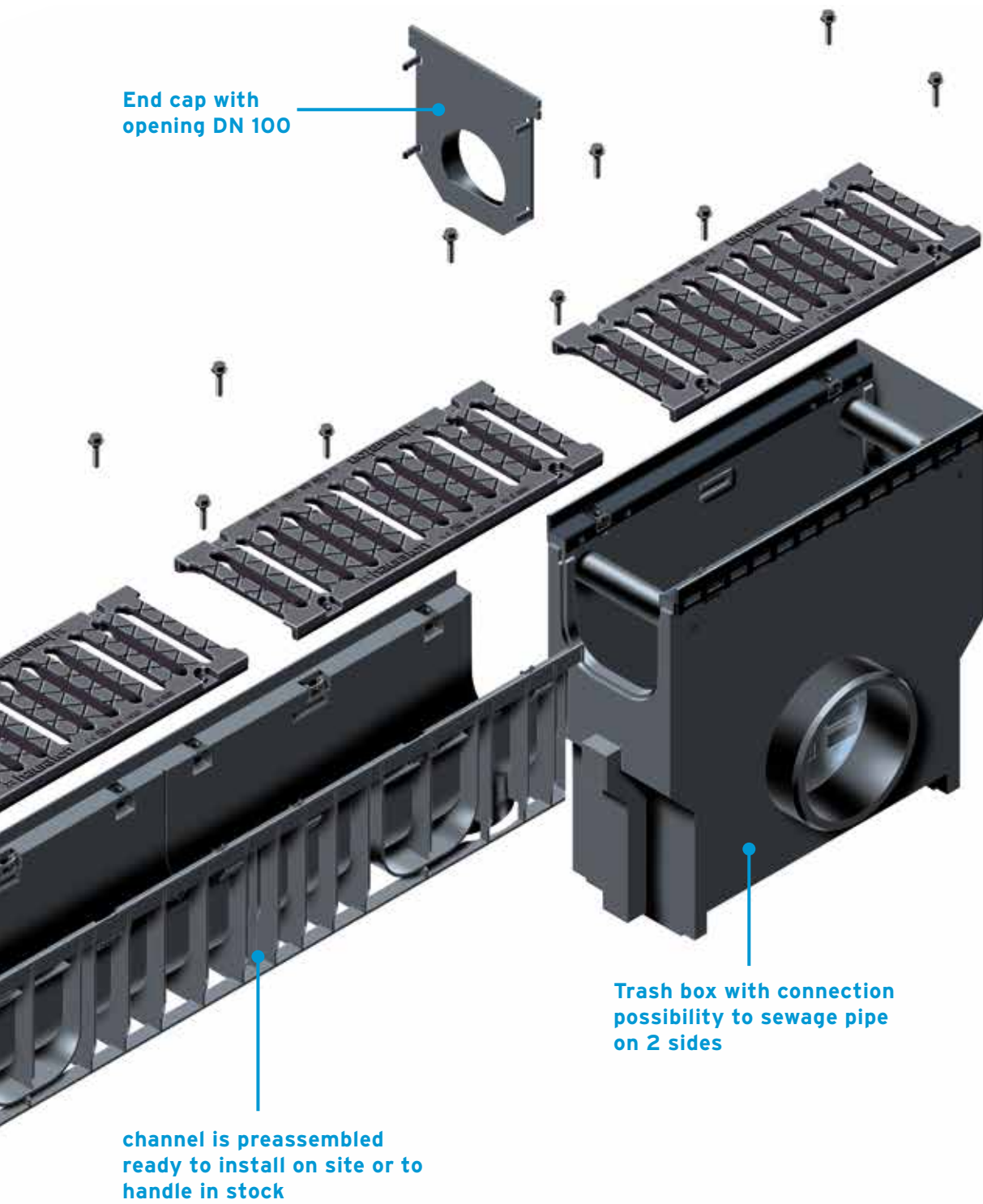
RECYFIX NC channels meet the requirements and are suitable for the following applications:



**Category**  
**Load class**



End cap





# Tender proposals

## Channels with grating

1. \_\_\_\_ lin.m

### RECYFIX NC Channel, Class E 600

Nominal width \_\_\_\_ mm, type \_\_\_\_ channel made of recycled PE-PP with integrated angle housing, in acc. with EN 1433, CE-compliant, with vertical connection possibility to sewage pipe, with ductile iron grating SW \_\_\_\_ mm, with horizontal shearing protection and 8-fold bolt locking per metre, black, load category E 600,

L/W/H \_\_\_\_ mm, art.-no. \_\_\_\_.

All to supplied and laid in accordance with the manufacturer's installation instructions.

Quality in acc. with DIN EN ISO 9001:2008

Manufactured by: HAURATON GmbH & Co. KG

P. O. Box 16 61

D-76437 Rastatt, Germany

Tel. +49 7222 9 58 -0

Fax +49 7222 9 58 -220

export@hauraton.com

2. \_\_\_\_ no.

## Accessories

### RECYFIX NC trash box

Nominal width \_\_\_\_ mm, trash box made of recycled PE-PP, with integrated angle housing. in acc. with EN 1433, CE-compliant, with connection possibility to sewage pipe, with removable plastic mud bucket, suitable for connection of system channels type RECYFIX NC, Length 500 mm, Height \_\_\_\_ mm, with grating \_\_\_\_ locked, load category \_\_\_\_, art.-no. \_\_\_\_

3. \_\_\_\_ no.

### RECYFIX NC

Combi end cap NW \_\_\_\_, art.-no. \_\_\_\_

4. \_\_\_\_ no.

### RECYFIX NC

End cap made of PE-PP closed for NW \_\_\_\_, art.-no. \_\_\_\_

5. \_\_\_\_ no.

### Sealing compound for RECYFIX Channels

Sikaflex TS Fast, 600 ml, cartridge, black, art.-no. 6890

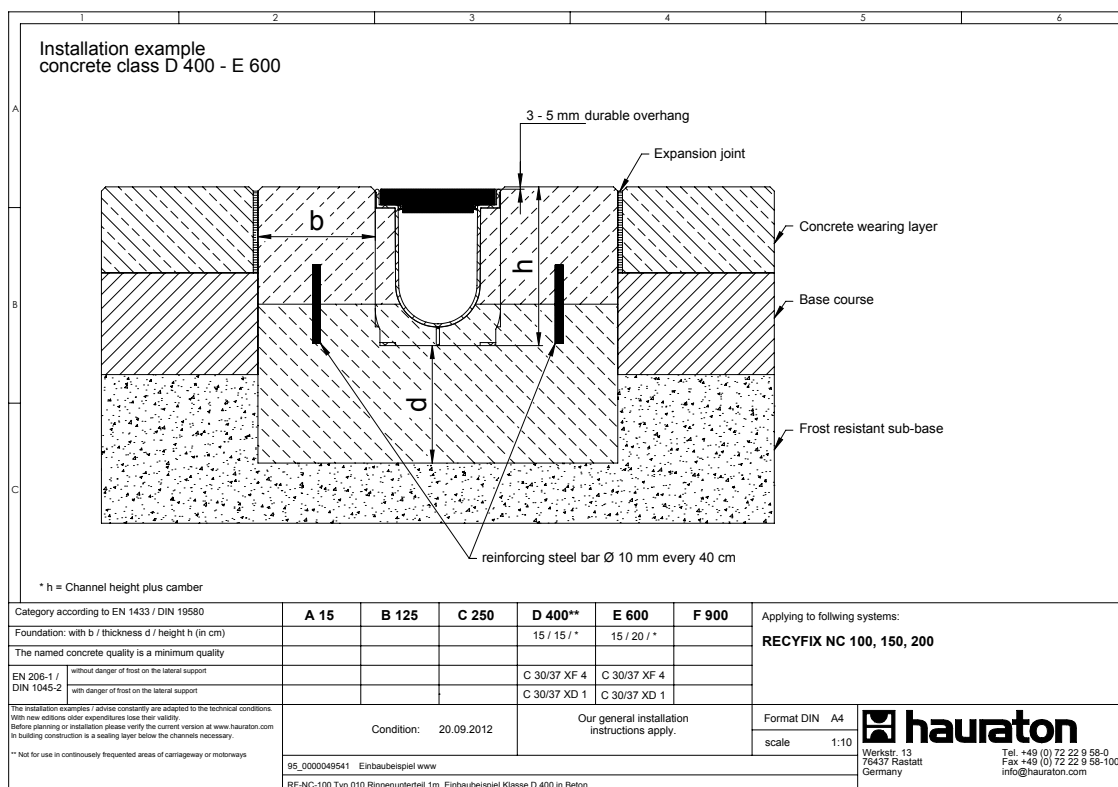
6. \_\_\_\_ no.

### Bag pistol

for Sikaflex TS Fast, art.-no. 6891

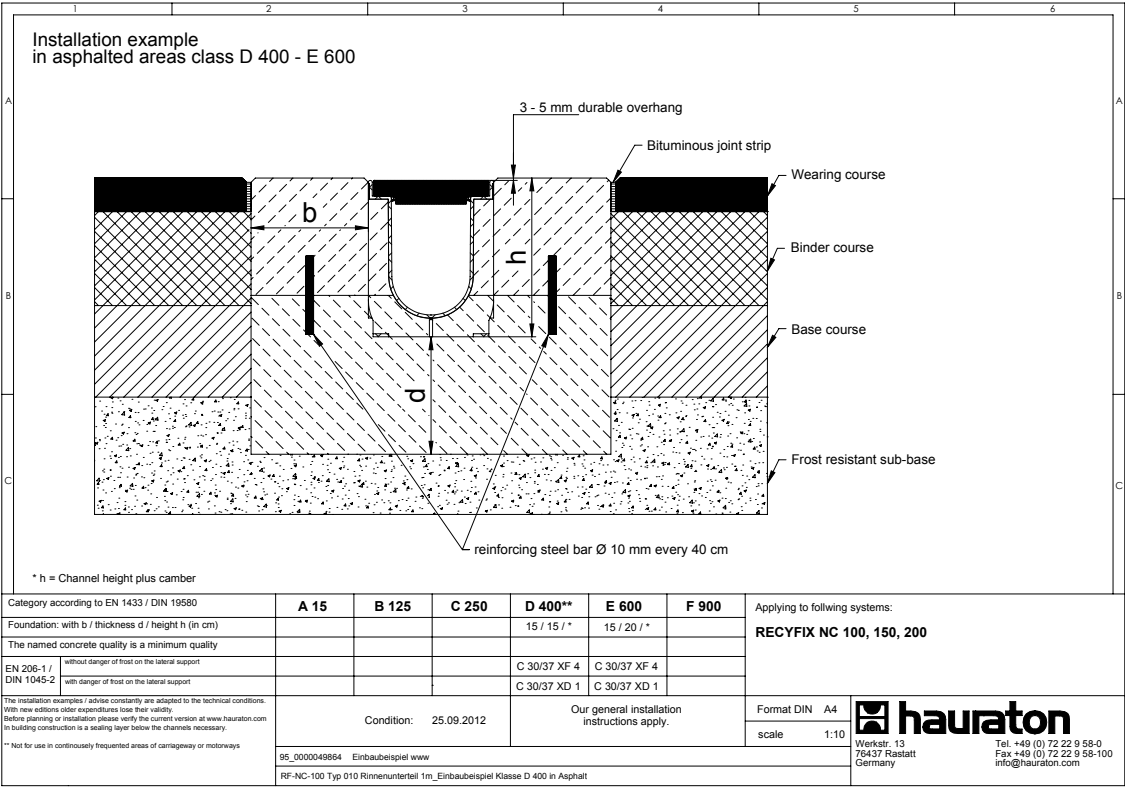
## Installation example concrete

Class D 400 - E 600



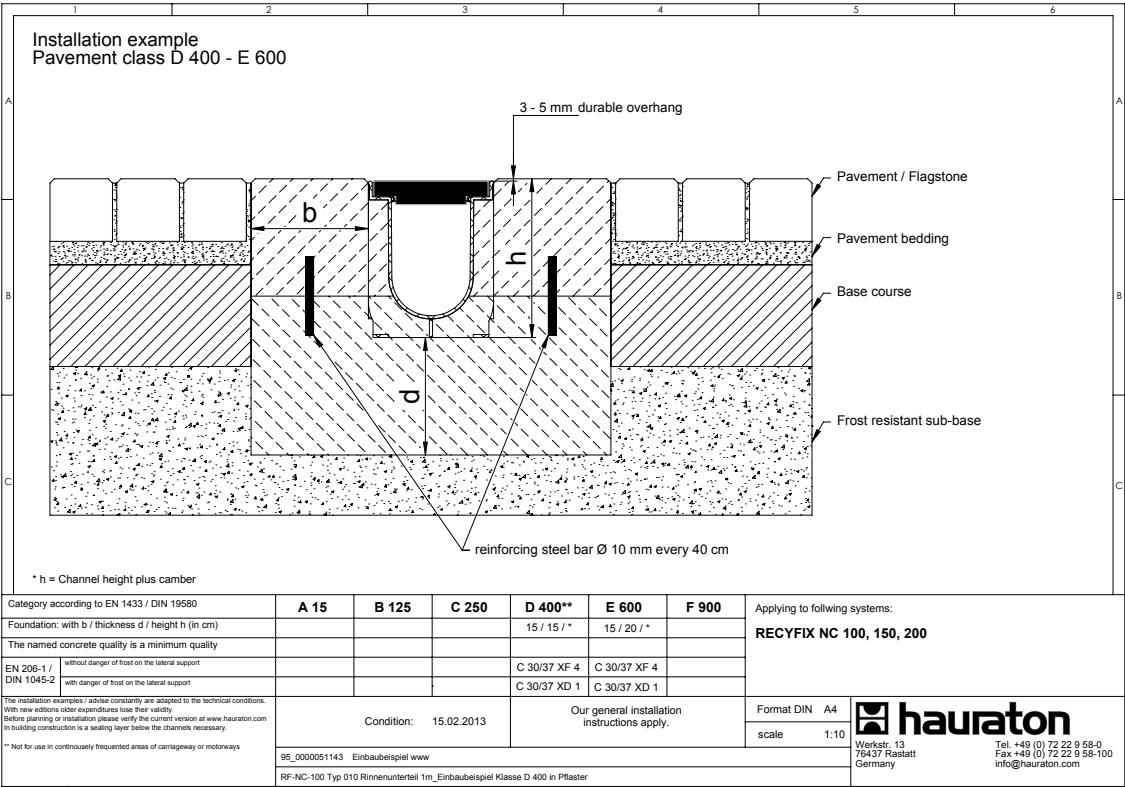
# Installation example asphalt

Class D 400 - E 600



# Installation example pavement

Class D 400 - E 600



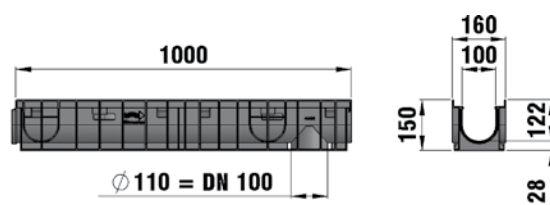
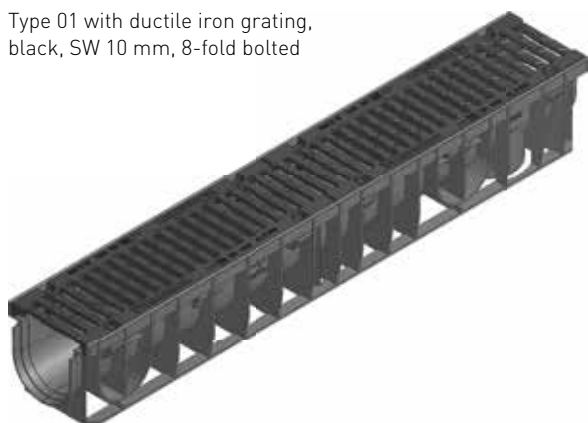


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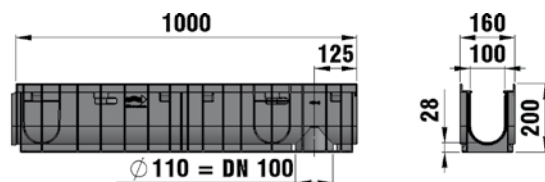
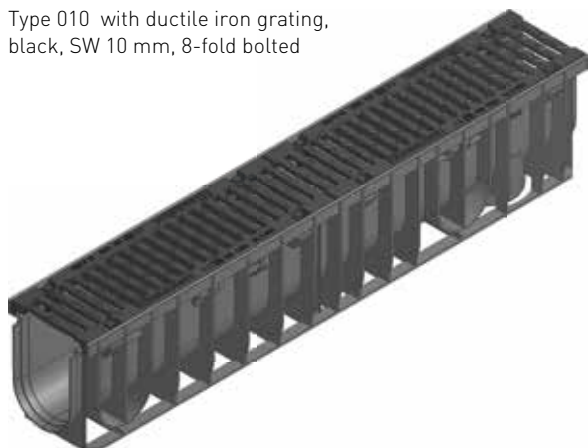
**Extremly stable and lightweight** - channels made of PE-PP for civil engineering.

## RECYFIX®NC 100, Combi article, class E 600 **NEW**

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



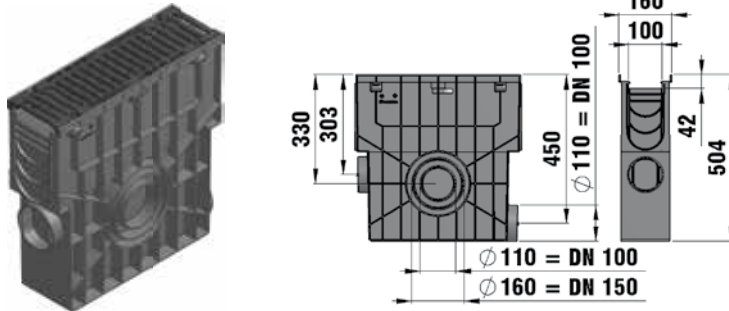
Type 010 with ductile iron grating,  
black, SW 10 mm, 8-fold bolted



	Lenght mm	Width mm	Height mm	Drainage cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Article 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	11,3	48772
Type 01005 with ductile iron grating, black, SW 10 mm, 4-fold bolted	500	160	200	142	427	5,6	48747

## RECYFIX®NC 100, Accessories

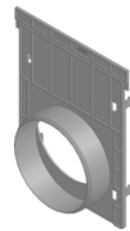
Trash box with plastic bucket, with ductile iron grating, black, SW 10 mm, class E 600, 4-fold bolted



End cap closed for type 010



End cap with opening DN 100 for type 010



	Lenght mm	Width mm	Height mm	Drainage cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Article No.
Trash box with plastic bucket, with ductile iron grating, black, SW 10 mm, class E 600, 4-fold bolted	500	160	504	-	427	8,6	48753
End cap closed for type 01	124	160	4	-	-	0,04	48681
End cap with opening DN 100 for type 01	203	160	4	-	-	0,09	48691
End cap closed for type 010	176	160	4	-	-	0,05	47082
End cap with opening DN 100 for type 010	200	160	4	-	-	0,08	47093

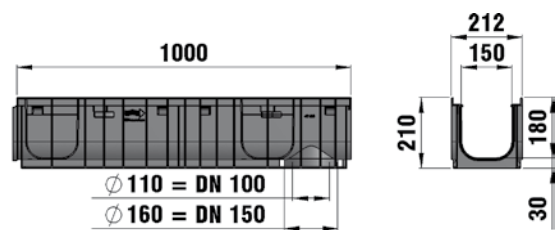
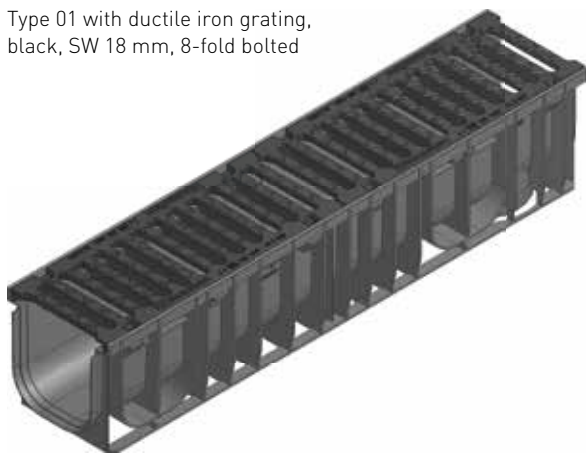


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## RECYFIX®NC 150, Combi article, class E 600 **NEW**

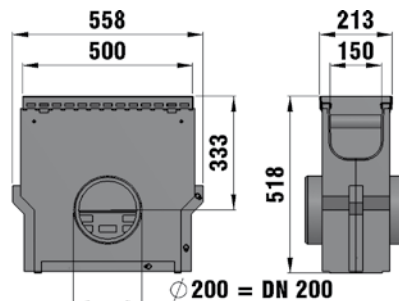
Type 01 with ductile iron grating, black, SW 18 mm, 8-fold bolted



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

## RECYFIX®NC 150, Accessories

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



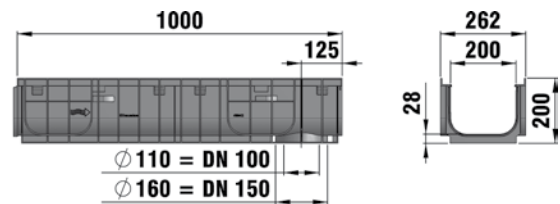
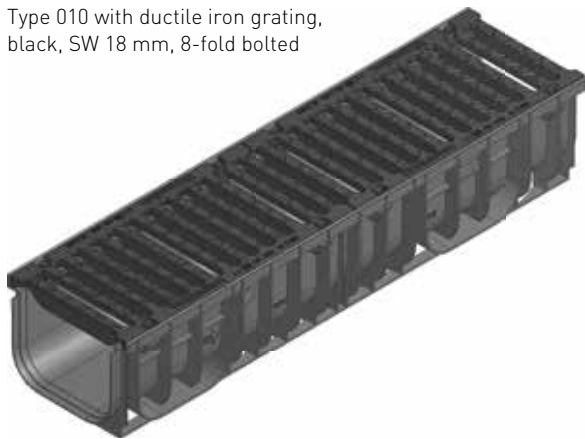
End cap combined made of PE-PP closed / with outlet DN 70/100, for type 010



	Lenght mm	Width mm	Height mm	Drainage cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Article No.
Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 600, 4-fold bolted	500	212	518	-	702	21,0	48853
End cap combined made of PE-PP closed / with outlet DN 70/100, for type 01	220	220	4	-	-	0,15	40591

## RECYFIX®NC 200, Combi article, class E 600 **NEW**

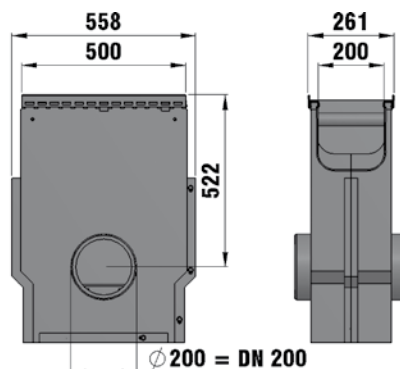
Type 010 with ductile iron grating, black, SW 18 mm, 8-fold bolted



	Lenght mm	Width mm	Height mm	Drainage cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Article No.
Type 010 with ductile iron grating, black, SW 18 mm, 8-fold bolted	1000	262	200	294	936	20,9	49572
Type 01005 with ductile iron grating, black, SW 18 mm, 4-fold bolted	500	262	200	294	936	10,5	49547

## RECYFIX®NC 200, Accessories

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



End cap combined made of PE-PP closed / with outlet DN 70/100, for type 010



	Lenght mm	Width mm	Height mm	Drainage cross-sect. cm <sup>2</sup>	Intake cross-sect. cm <sup>2</sup> /m	Weight kg	Article No.
Trash box with plastic bucket, with ductile iron grating, black, SW 18 mm, class E 600, 4-fold bolted	500	262	752	-	936	32,3	49553
End cap combined made of PE-PP closed / with outlet DN 70/100, for type 010	260	220	4	-	-	0,21	41387