



**CHANNELS, CATCH BASINS AND DRAINAGE TRAPS
DESIGNED FOR RESIDENTIAL AREAS**



EASY SERIES

Our mission is to change the appearance of our homes, gardens, streets, and cities.

- 1

We produce and supply comprehensive solutions for draining rainwater, wastewater, industrial, and household water.
- 2

We aim to be the national leader in innovations in the field of public and household space design, providing safety and comfort with a distinctive aspect of living space.
- 3

We stand by our clients and partners, offering quality services and assistance throughout the projects.



Table of contents

DRAIN DRAIN

Vodaland today..... 5

Product Title Terminology..... 6

Load Classifications and Type of Surface Drainage 7

Easy Series 8

Easy 1.....10

Easy 2.....12

Easy 3.....14

Easy catch basins.....16

Easy plastic drains18



VODALAND TODAY

With over 22 years of experience, including 8 years in the Romanian market, the company has expanded to 8 countries, with over 12 sales, design, research, and product development offices

8
countries

Ukraine, Poland, Romania, Moldova, Spain, France, USA and Canada



4
Production
Plants

ISO
certified according
to ISO 9001

R&D
own service R&D

i
Project
Service

350
international
team of workers

CATEGORIES



- ✓ Surface drainage
- ✓ Slot channels
- ✓ Industrial Drainage
- ✓ Infrastructure Drainage
- ✓ Catch basins
- ✓ Water meter chambers
- ✓ Stainless steel traps



- ✓ Water tanks
- ✓ GRP Chambers
- ✓ Oil Separators
- ✓ GRP Grease Separators
- ✓ PE/Stainless Steel Grease Separators
- ✓ Pumping Stations



- ✓ Geotextiles
- ✓ Eco Pavers
- ✓ Shading nets
- ✓ Geogrids
- ✓ Garden Borders
- ✓ Garden Edgings
- ✓ Anti-freeze nets
- ✓ Mulching nets



- ✓ Plastic Covers
- ✓ Polymer Composite Covers
- ✓ Access Covers
- ✓ Unifill Galvanized steel Covers
- ✓ Cast Iron Manholes
- ✓ Cast iron Traps
- ✓ Gratings
- ✓ Doormats

Product Title Terminology

Series	
BASE	Classified as load classes A-C
PRO	Classified as load classes D-E
MEGA	Classified as load classes D-F
Product Lines	
Concrete	Product made of Fiber Concrete material
Polymer concrete	Product made of Polymer Concrete material
Plastic	Product made of PPE Plastic material
STAINLESS	Fully Stainless Steel system
Width	
Millimeters	Our channels are sized between Nominal Length (LN) 70mm to 500mm

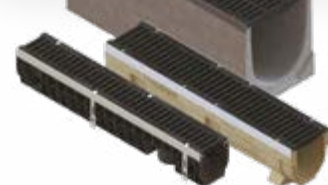
Series explanation



BASE series:

LOAD CLASS A15-C250

Small & medium loads, being ideal for residential areas and light commercial application.



PRO series:

LOAD CLASS D400-E600

Medium & heavy-duty loads such as gas stations, parking garages, warehouses & forklifts, and curbsides.



MEGA series:

LOAD CLASS D400-F900

Used for heavy duty & extreme loads such as heavy traffic roads & highways, industrial zones, and airports.

Load Classifications and Type of Surface Drainage

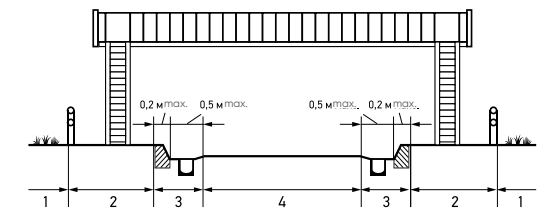
The load classes establish the requirements for prefabricated linear drainage channels used for collecting and transporting surface water. When installed in areas designated for pedestrian and/or vehicular traffic, drainage products must meet certain strength classes. Depending on the area of installation, these products can be pedestrian, for low, medium, or high traffic, or for military terminals, docks, and airports.

Easy		Clasa A 15*	→ Pedestrians, bicycles and wheel chair traffic. → Pedestrian zones, parks, recreation areas, stadiums etc.
		Clasa B 125*	→ Medium-duty pneumatic tire traffic, autos and light trucks at speeds less than 20 m.p.h. → Residential areas, parking lots, etc.
		Clasa C 250*	→ Heavy-duty pneumatic tire forklifts, tractor-trailers, buses. → Road shoulders, auto services, garages, etc.
Base		Clasa D 400*	→ Heavy-duty hard tire forklifts, trucks. → Gas stations, car washes, industrial areas, warehouses, etc.
		Clasa E 600*	→ General dock and aircraft pavements.
		Clasa F 900*	→ General docks and aircraft pavements subject to high wheel loads.
Pro		Clasa E 600*	→ General dock and aircraft pavements.
		Clasa E 600*	→ General dock and aircraft pavements.
		Clasa F 900*	→ General docks and aircraft pavements subject to high wheel loads.

*Loading force (kN) according to SR EN 1433.

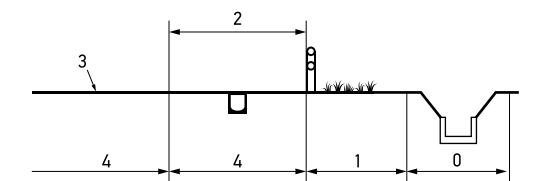
** In uncertain cases regarding the mounting type, the channel should be chosen from the immediately superior load class.

According to the European Standard SR EN 1433: «Drainage channels for vehicular and pedestrian areas. Classification, design requirements, and installation instructions»



1 - A15; 2 - B125; 3 - C250; 4 - D400

Sec. 1 Representative cross-section on a route with heavy vehicular and pedestrian traffic. We recommend slopes for the installation of drainage channels to collect and evacuate water.



0 - A15; 1 - A15; 2 - B125 - Expanded lane traffic area; 3 - C250 - Carriageway area; 4 - D400 - Heavy traffic

Sec. 2 Representative cross-section on a route with heavy vehicular traffic and no pedestrian access. We recommend channels with D400 gratings and channels with reduced openings.

Easy Series

The Easy series channels are designed for pedestrian areas and low-traffic cycle lanes. They're ideal for private and residential constructions. The primary advantage of Easy channels is the best quality-price ratio and their ease of installation.



Plastic End Cap

The polypropylene end caps are installed at the beginning of the channel line to prevent concrete from entering the channel during installation. The plate can be applied at both the start and end of the channel section.

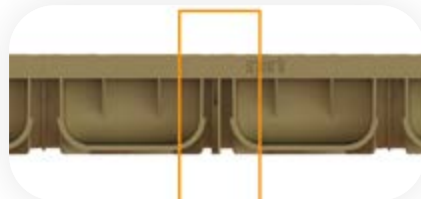
Plastic Channel

We offer multiple sections in the design of the channel. This feature allows the channel to maintain its shape during concrete pouring and prevents deformation during transportation.

Vertical connection

Pipe Ø 110

Grate



Sealant G12M29-C



Fastener

The cast iron grate is fixed onto the channel with a fastener (PP) and a screw with a nut. Channels are delivered with the grate; however, they can be delivered separately upon request. Trenches equipped with a plastic or Galvanized Steel grate have a click-lock fastening system (without a fastener)

! The drainage system with Easy channels can be installed without a sand trap because both ends of the trench can be sealed tightly with end pieces. The discharge point to the sewer network will be through the vertical connection of the channel. For sections longer than 20 linear meters, we recommend installing a sand trap to facilitate maintenance



Plastic Adapter

Adaptors are used to connect multiple channels with the same nominal width (LN) but different heights (H). The piece is attached by clicking, allowing for a cascade formation along the length of the channel section.

Nozzle

Grate

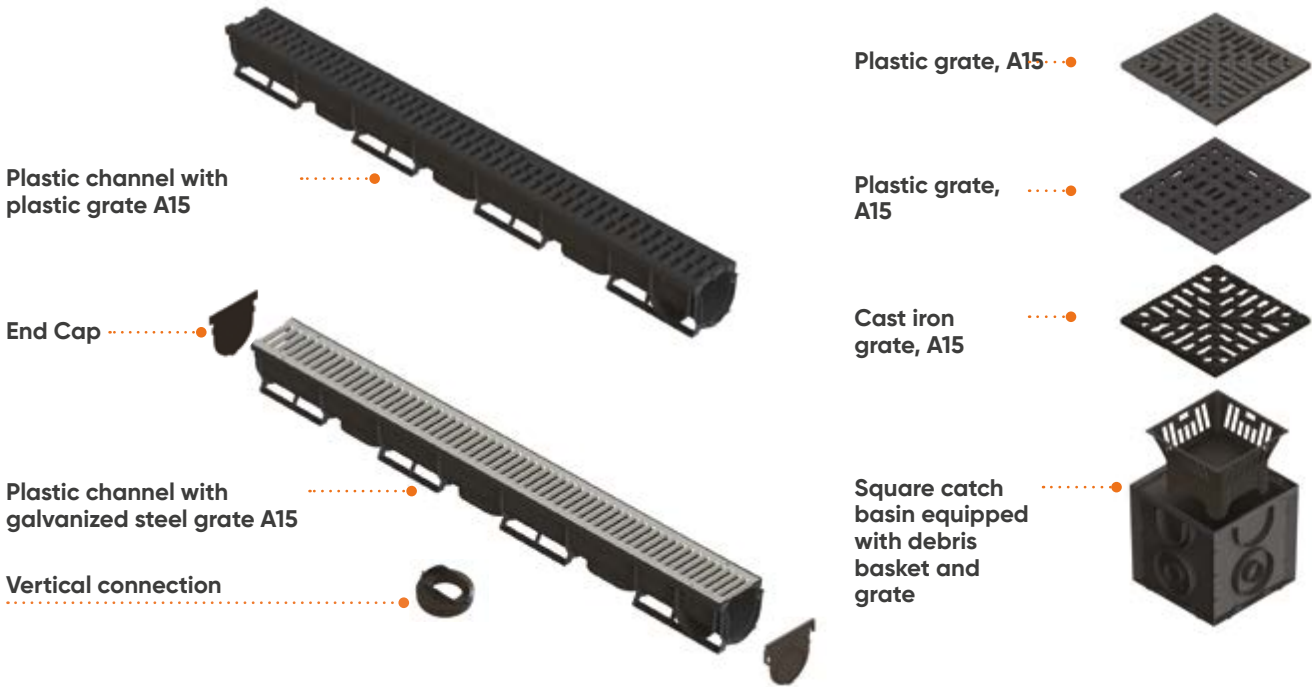
This type of grate can be delivered in two material options:

- Cast iron
- Plastic

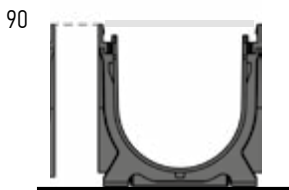
Basket

Plastic Catch Basin

EASY 1



Installation instructions



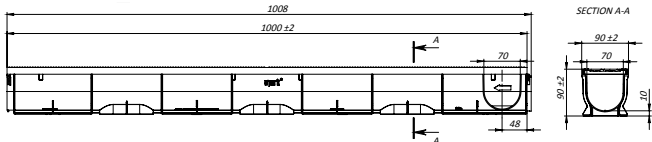
Accessories EASY 1				
Article		Catch Basin	End Cap	Conexiune verticală
088081				
088011				



art. 088081



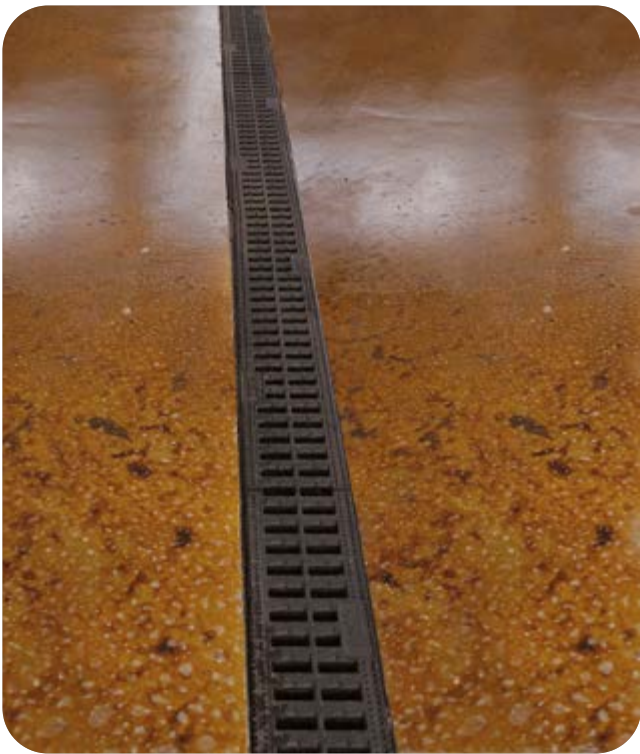
art. 088011



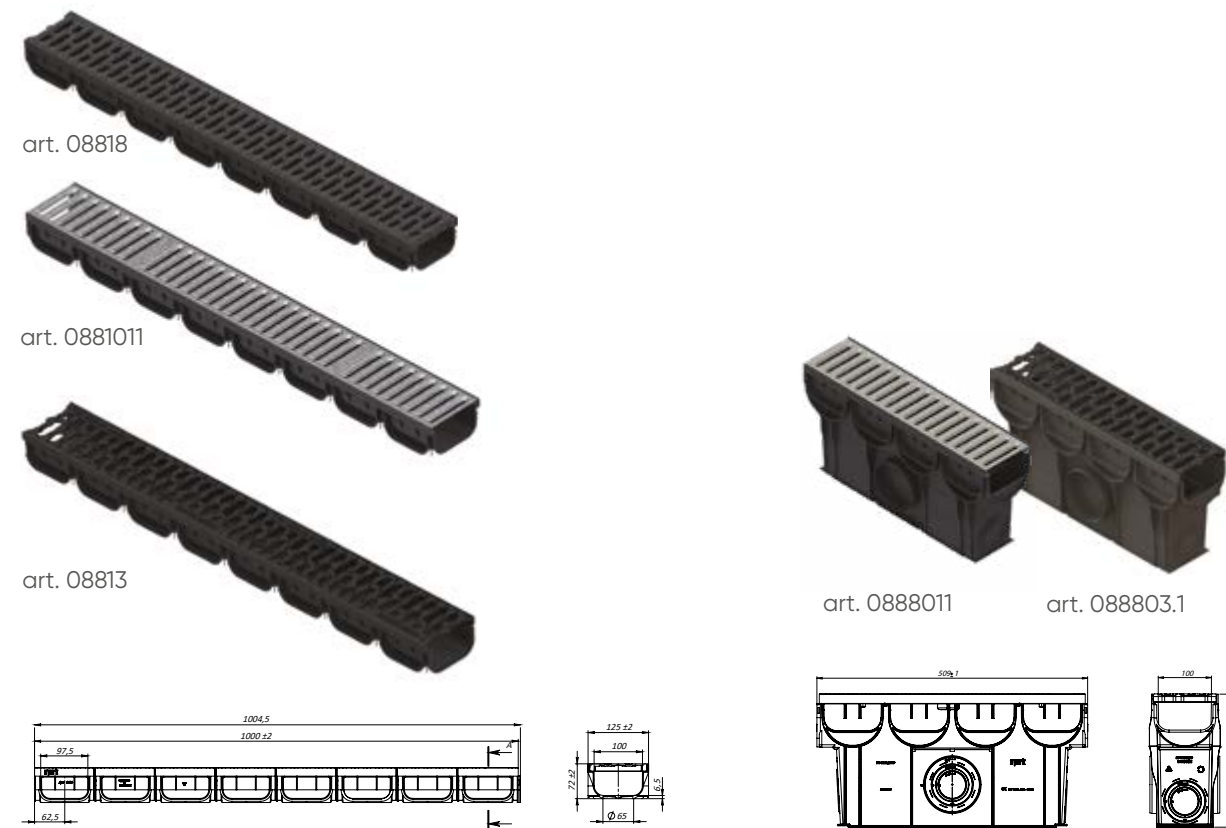
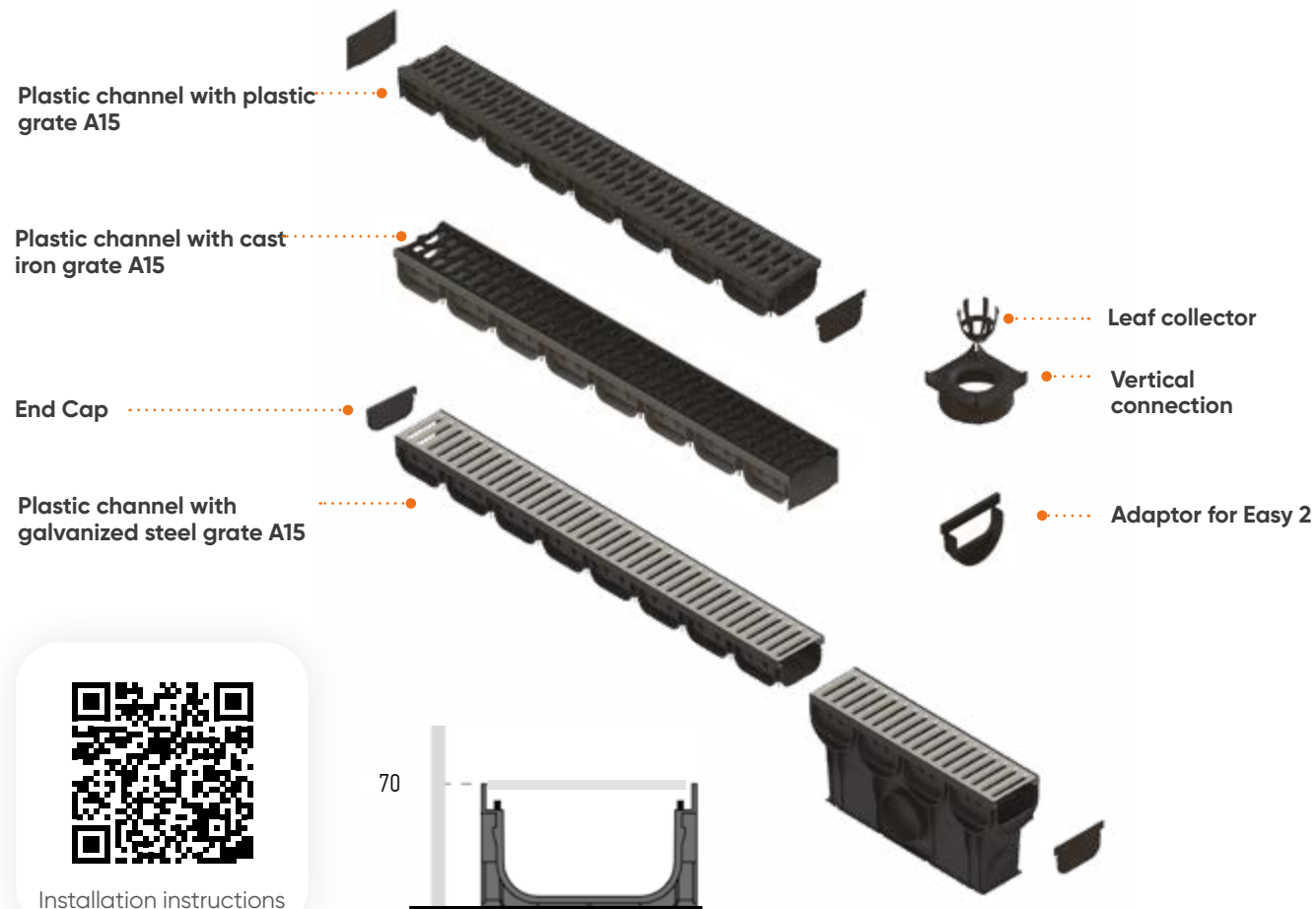
EASY 1. PLASTIC CHANNEL DRAIN WITH A15 CLASS GRATE

Article	Name	Length, mm	Outer width, mm	Inner height, mm	Weight, kgs
088081	Easy 1 plastic channel drain Hext.90 with plastic grate A15	1000	90	70	0.73
088011	Easy 1 plastic channel drain Hext.90 with galvanized steel grate A15	1000	90	70	1.34

Article	Name	Length, mm	Outer width, mm	Inner height, mm	Weight, kgs
6822	Plastic end cap for Easy 1 channel LN70 Hext.90	90	12	81	0.1
6827-1	Vertical connection to pipe for Easy 1 channel LN70 Hext.90	-	-	-	0.55



EASY 2



*This product can be equipped with B125 or C250 load class grates.

AVAILABLE COLORS



EASY 2. PLASTIC CHANNEL DRAIN WITH A15 CLASS GRATE

Accessories EASY 2							
Article			Catch Basin	Extension	End Cap	Adapter	Vertical connection
0881011					6821-1	6828	6825
08818					6821-2	682109	6823
08813						Parafrunzar 6008	6826

!
The extension is designed for connecting the BASE catch basin 300x300 to Easy channels and LN100, H120 BASE channels

Article	Name	Length, mm	Outer width, mm	Inner height, mm	Weight, kgs
08818-N	EASY 2 plastic channel drain LN100 Hext.70 with plastic grate A15 (black)	1000	125	50	1.17
08818-G*	EASY 2 plastic channel drain LN100 Hext.70 with plastic grate A15 (gray)	1000	125	50	1.17
08818-GI	EASY 2 plastic channel drain LN100 Hext.70 with plastic grate A15 (dark gray)	1000	125	50	1.17
08818-NS	EASY 2 plastic channel drain LN100 Hext.70 with plastic grate A15 (sand)	1000	125	50	1.17
08818-V	EASY 2 plastic channel drain LN100 Hext.70 with plastic grate A15 (green)	1000	125	50	1.17
08818-A*	EASY 2 plastic channel drain LN100 Hext.70 with plastic grate A15 (white)	1000	125	50	1.17
0881011	EASY 2 plastic channel drain LN100 Hext.70 with galvanized steel grate	1000	125	50	1.79
08813	EASY 2 plastic channel drain LN100 Hext.70 with cast iron grate	1000	125	50	3.59
0888011	EASY 2/3 plastic Sand trap inspection kit with galvanized steel grate A15	509	133	-	1.83
088803.1	EASY 2/3 plastic Sand trap inspection kit with cast iron grate A15	509	133	-	2.72
6821/1	Easy 2 plastic end cap for channels	125	13	71	0.03
6821/2	Easy 2 plastic end cap for sand trap	125	2	69	0.03
6828	Easy 2 plastic adaptor for channel to sand trap connection	125	100	24	0.02
6825	Easy 2 plastic vertical connection to pipe	110	110	55	0.07
682109	Easy 2 plastic end cap with horizontal outlet DN110	125	83	-	0.07
6823	Easy 2 plastic leaf collector for pipe connection	-	-	-	-

*These products are available by order only

EASY 3



Plastic channel with
galvanized steel grate A15

End Cap

Plastic channel with
plastic grate A15

Piesă de trecere Easy
LN100 de la H70 la H100

Plastic channel with cast
iron grate A15

Plastic channel with cast
iron grate C250

Plastic Square catch
basin equipped
with debris basket
and grates made of
plastic or cast iron

Adaptor for channel Easy 3
for catch basin connection

Vertical pipe
connection
Easy 3 DN100

100



art. 088201

art. 088208

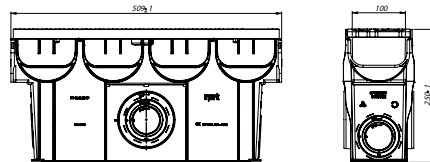
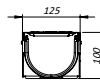
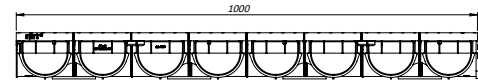
art. 088203

art. 0882033



art. 0888011

art. 088803.1



*Acest produs se poate echipa și cu grătar din Fontă de clasă B125 sau C250

Accessories EASY 3

Article			Catch Basin	Extension	End Cap	Adaptor	Vertical connection
088201					6829	6824	6827
088201					682909	6829	6826
088203							
0882033							Leaf collector 6008

The extension is designed for connecting the BASE catch basin 300x300 to Easy channels and LN100, H120 BASE channels

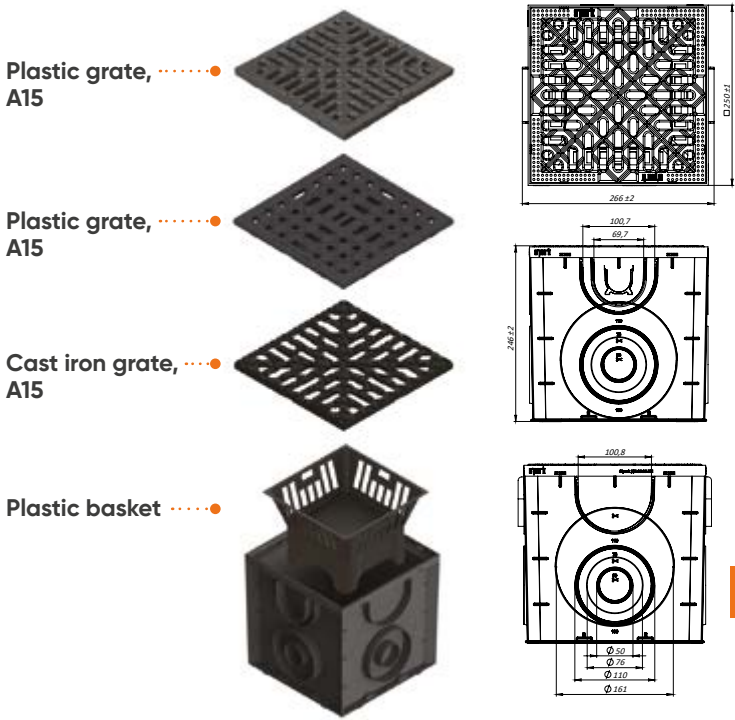
EASY 3 PLASTIC CHANNEL KITS

Article	Name	Length, mm	Outer width, mm	Inner height, mm	Weight, kgs
088201	EASY 3 plastic channel drain LN100 Hext.100 with galvanized steel grate A15	1000	125	77	2.00
088208-N	EASY 3 plastic channel drain LN100 Hext.100 with plastic grate A15 (black)	1000	125	77	1.40
088208-G*	EASY 3 plastic channel drain LN100 Hext.100 with plastic grate A15 (gray)	1000	125	77	1.40
088208-GI	EASY 3 plastic channel drain LN100 Hext.100 with plastic grate A15 (dark gray)	1000	125	77	1.40
088208-NS	EASY 3 plastic channel drain LN100 Hext.100 with plastic grate A15 (sand)	1000	125	77	1.40
088208-V	EASY 3 plastic channel drain LN100 Hext.100 with plastic grate A15 (green)	1000	125	77	1.40
088208-A*	EASY 3 plastic channel drain LN100 Hext.100 with plastic grate A15 (white)	1000	125	77	1.40
088203	EASY 3 plastic channel drain LN100 Hext.100 with cast iron grate A15	1000	125	77	4.00
0882033	EASY 3 plastic channel drain LN100 Hext.100 with cast iron grate C250	1000	125	77	5.60
0882023	EASY 3 plastic channel drain LN100 Hext.100 with cast iron grate B125 1000x125x100	1000	125	77	4.53
0888023	Easy 2/3 plastic sand trap kit with cast iron grate B125	1000	125	-	2.86
0888033	Easy 2/3 plastic sand trap kit with cast iron grate C250	1000	125	-	3.35
0888011	Easy 2/3 plastic sand trap kit with galvanized steel grate A15	509	133	-	1.83
088803.1	Easy 2/3 plastic sand trap kit with cast iron grate A15	509	133	-	2.72
6829	Easy 3 plastic end cap for channel	125	15	-	0.02
6824	Easy 3 plastic adaptor for channel connection to sand trap	-	-	-	0.01
682909	Easy 3 plastic end cap with vertical outlet DN110	125	83	-	0.06
6827	Easy 3 plastic vertical pipe connection	110	50	-	0.03
6823	Easy 2/3 plastic leaf collector for channel	-	-	-	-
6008	BASE plastic leaf collector for catch basins, downspouts and channels DN75	-	-	120	0.06

*Aceste produse sunt disponibile pe bază de comandă



Easy catch basins



! The polypropylene catch basins can be connected in the following ways:

- Directly to Easy 1 channels
- Using the passage/adaptor piece for Easy 2 channels
- Using the passage/adaptor piece for Easy 3 channels

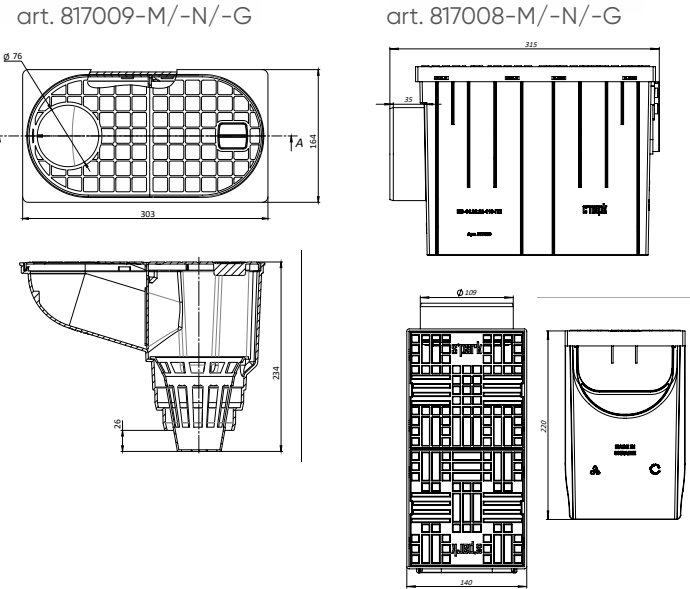
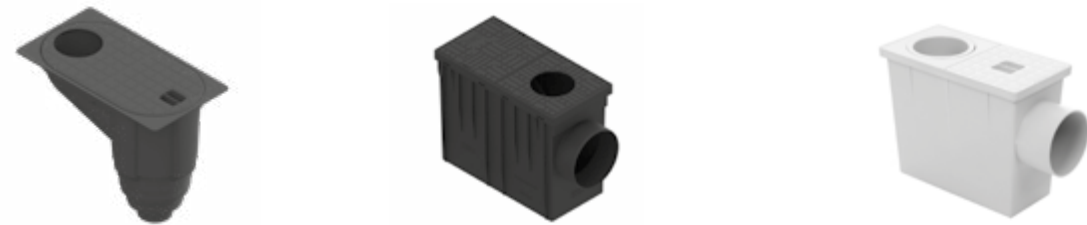
Accesorii Cămine Easy			
Article	Catch Basin	Grate	Debris basket
0867081			6819
08670311			
08670811			

EASY ACCESSORIES AND CATCH BASINS

Article	Name	Length, mm	Outer width, mm	Inner height, mm	Weight, kgs
0867081	Easy plastic catch basin kit with debris basket and plastic grate A15	250	250	246	1.23
08670811	Easy plastic catch basin kit with debris basket and cast iron grate A15	250	250	246	1.5
08670311	Easy plastic catch basin with plastic grate A15	250	250	246	-
383013	Easy cast iron grate for square catch basin A15	243	243	13	1.90



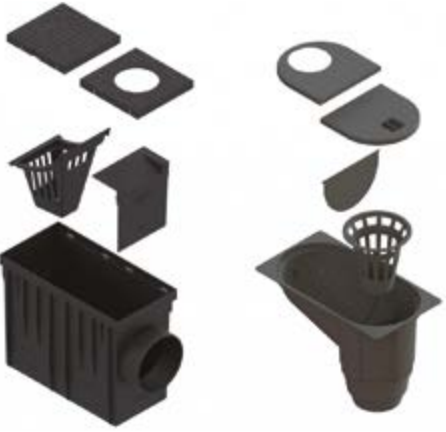
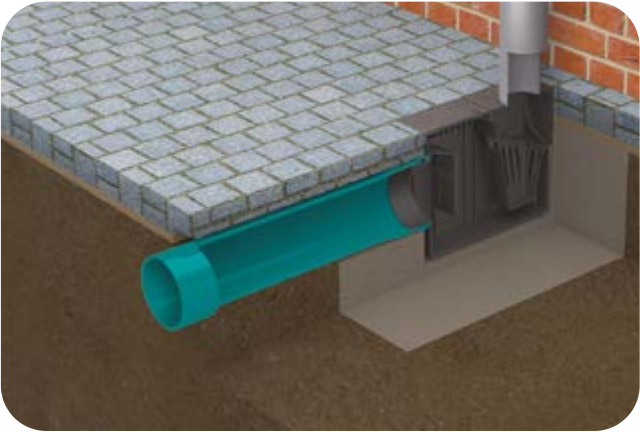
SEWER DRAINS FOR DOWNSPOUTS



AVAILABLE COLORS



AVAILABLE COLORS



Article	Name	Length, mm	Outer width, mm	Weight, kgs
817008-N	Easy plastic downspout catch basin with horizontal pipe connection DN110 (Black)	315	140	0.95
817008-M	Easy plastic downspout catch basin with horizontal pipe connection DN110 (Brown)	315	140	0.95
817008-G	Easy plastic downspout catch basin with horizontal pipe connection DN110 (Gray)	315	140	0.95
817009-N	Easy plastic downspout catch basin with vertical pipe connection DN110 (Black)	303	164	0.51
817009-M	Easy plastic downspout catch basin with vertical pipe connection DN110 (Brown)	303	164	0.51
817009-G	Easy plastic downspout catch basin with vertical pipe connection DN110 (Gray)	303	164	0.51
STPTIM100A	Easy plastic downspout catch basin with vertical pipe connection DN80/100 A15 (Light grey)	260	134	0.91

Easy plastic drains

The **polypropylene floor drains** are used to collect rainwater and direct it towards the sewage network. These products are intended for pedestrian areas, residential areas, such as private terraces.



Article	Name	Lungime, mm	Lățime, mm
SPP100100	Easy plastic trap for terrace/pedestrian floors 100x100	100	100
SPP150150	Easy plastic trap for terrace/pedestrian floors 150x150	150	150
SPP200200	Easy plastic trap for terrace/pedestrian floors 200x200	200	200
SPP250250	Easy plastic trap for terrace/pedestrian floors 250x250	250	250
SPP300300	Easy plastic trap for terrace/pedestrian floors 300x300	300	300
SPPOPP150150	Easy plastic trap for terrace/pedestrian floors with horizontal outlet DN50	150	150
SPPOIX150150	Easy plastic trap for terrace/pedestrian floors with horizontal outlet DN50 and stainless steel grate	150	150



SEALANT

For an efficient installation, we recommend using the G12M29C sealant. It is used for sealing drains, pipes, and drainage systems (interior or exterior), for bonding connections or joints.

- Curing time: 24h/2-3 mm
- Operating temperature: -10°C to +40°C
- Storage conditions: Store in a ventilated space at low temperatures.

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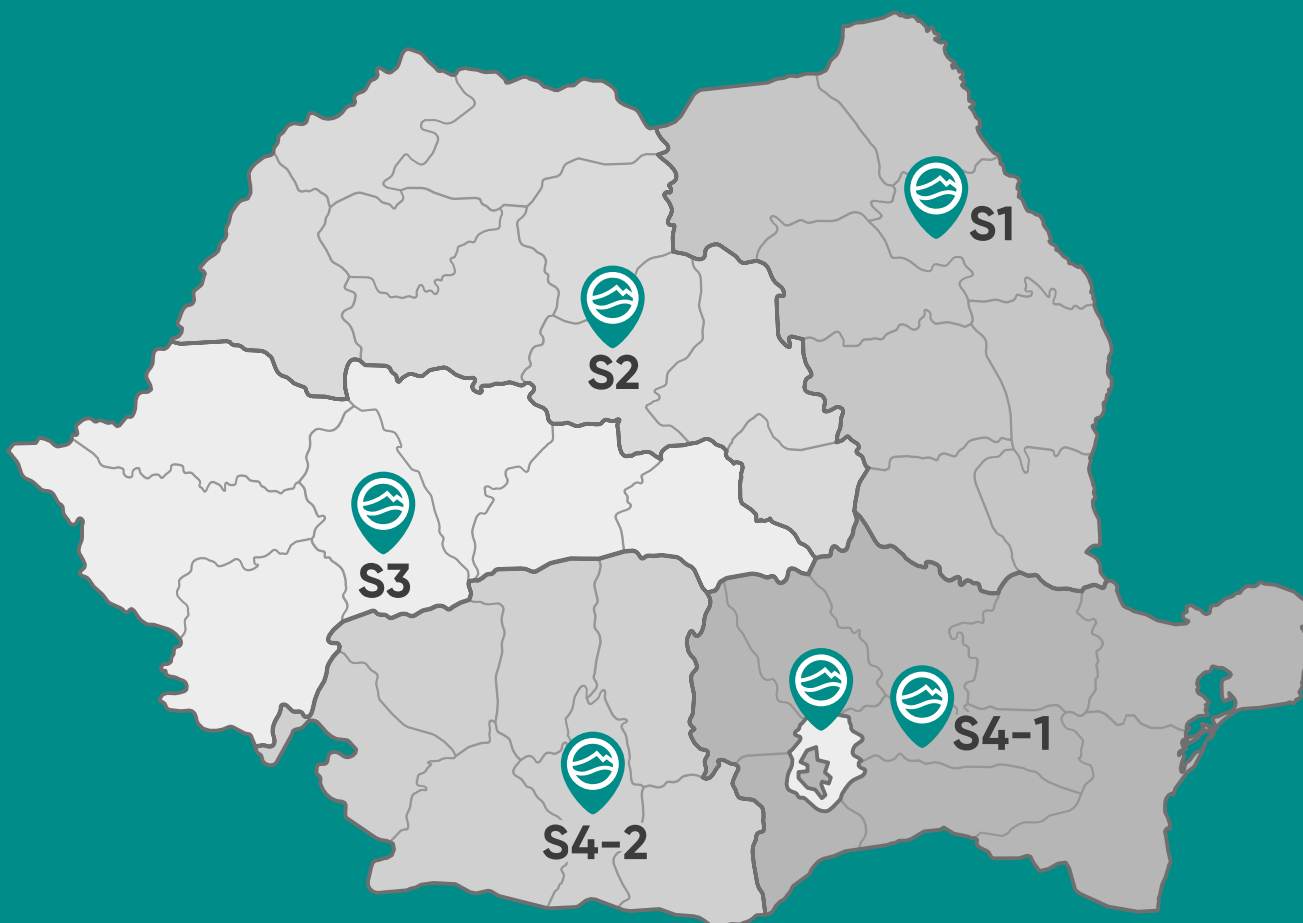
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