



**PROFESSIONAL DRAINAGE SYSTEMS DESIGNED
FOR RESIDENTIAL AREAS, SIDEWALKS, AND
PARKING LOTS**



BASE 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
Categories 5
Product Title Terminology..... 6
 Load Classifications 7
 Type of Surface Drainage 7

Base Series..... 8
Plastic channels..... 11
 Base LN 100 16
 Channels with internal slope 16
 Neutral channels – without an internal slope..... 20
 High board channels 28
 Base LN 150..... 30
 Neutral channels – without an internal slope..... 30
 Base LN 200 33
 Neutral channels – without an internal slope..... 33
 Base LN 300 36
 Neutral channels – without an internal slope..... 36
 Base LN 500 36
 Rigole Neutral 36
 Catch basins..... 37
 Base Series 200x200 37
 Base series catch basins 300x300 37
 BASE series catch basins 400x400 39
 Base series catch basins 550x550..... 40
 Fiber-reinforced concrete 42
 Base LN 100 43
 Neutral channels 43
 Polymer-concrete..... 47
 Base LN 100 48
 Neutral channels 48
 Base LN 150..... 52
 Neutral channels 53
 Channels with internal slope 54
 Base LN 200 56
 Neutral channels 57
 Channels with internal slope 58
 Open Slot Channels for underground parking lots..... 60
 Polymer Concrete open Slot channels, width 80mm..... 60
 Polymer Concrete Open Slot channels, width 150 62

Slot gratings 66
 Galvanized Steel vs. Stainless Steel 67
Plastic slot drainage system 68
 Slot gratings 69



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	
Milimetri	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

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.

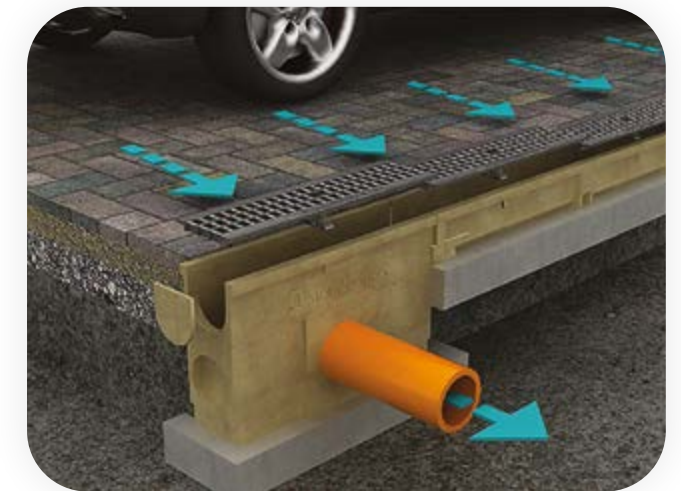
Easy		Clasa A 15*	→ Pedestrians, bicycles and wheel chair traffic. → Pedestrian zones, parks, recreation areas, stadiums etc.
		Clasa B 125*	→ Medium-duty pneumatic tire traffic, autos and light trucks at speeds less than 20 m.p.h. → Residential areas, parking lots, etc.
		Clasa C 250*	→ Heavy-duty pneumatic 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.

*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.

Type of Surface Drainage

Sistemele liniare de Drenaj se utilizează pentru colectarea apelor pluviale și de suprafață de pe suprafețe extinse.



Sistemele liniare și punctuale de drenaj se folosesc în captarea și direcționarea apelor pluviale. Sistemele liniare, rigolele, colectează și scurg apa de pe suprafețe, asigurând drenajul corespunzător și siguranța zonelor pietonale sau carosabile.

Sistemele Punctuale de Drenaj se folosesc local, pentru colectarea apelor pluviale și de suprafață.



Sistemele punctuale de drenaj din gamele noastre sunt echipate cu coșuri de aluviuni pentru colectarea deșeurilor și nisipului, prevenind astfel infiltrarea în sistemul de canalizare și posibile blocaje.

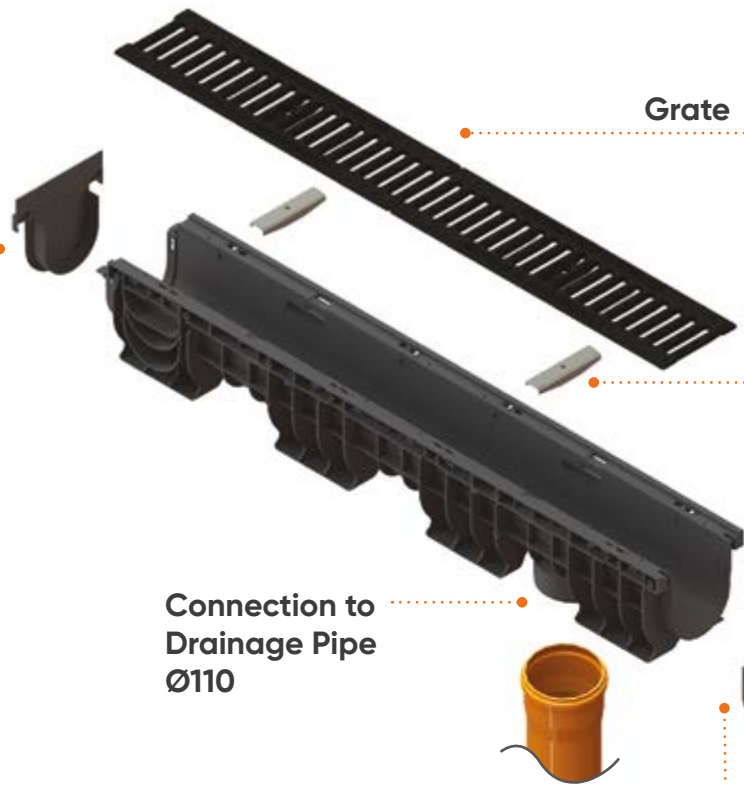
Base Series

The Base series linear drainage system consists of channels made from Polypropylene (PP), Fibre Concrete (FB), and Polymer Concrete (PB). These can be accessorized with grates made of Polypropylene (PP), Galvanized Steel (OZ), Copper (CU), Stainless Steel, and Cast Iron. The hydraulic section width ranges from LN100 to LN500 mm. The materials used in the construction of channels and protective grates define the load class and the application domain.



End Cap (PP)

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



Grate

Grate Fastening Bars

For the BASE series, we provide the fixation of the grate on the channel with plastic and galvanized steel bars and screws.

Connection to Drainage Pipe Ø110

Adapter

Polypropylene transition pieces are used to connect multiple channels with the same nominal width (LN) but different heights (H). The piece attaches to the outlet of the channel by click, allowing the formation of a cascade along the section, building a zero slope on the surface.

Sand traps can be equipped with leaf basket and various models of grates, made of:

- Plastic
- Cast Iron
- Galvanized Steel
- Stainless Steel

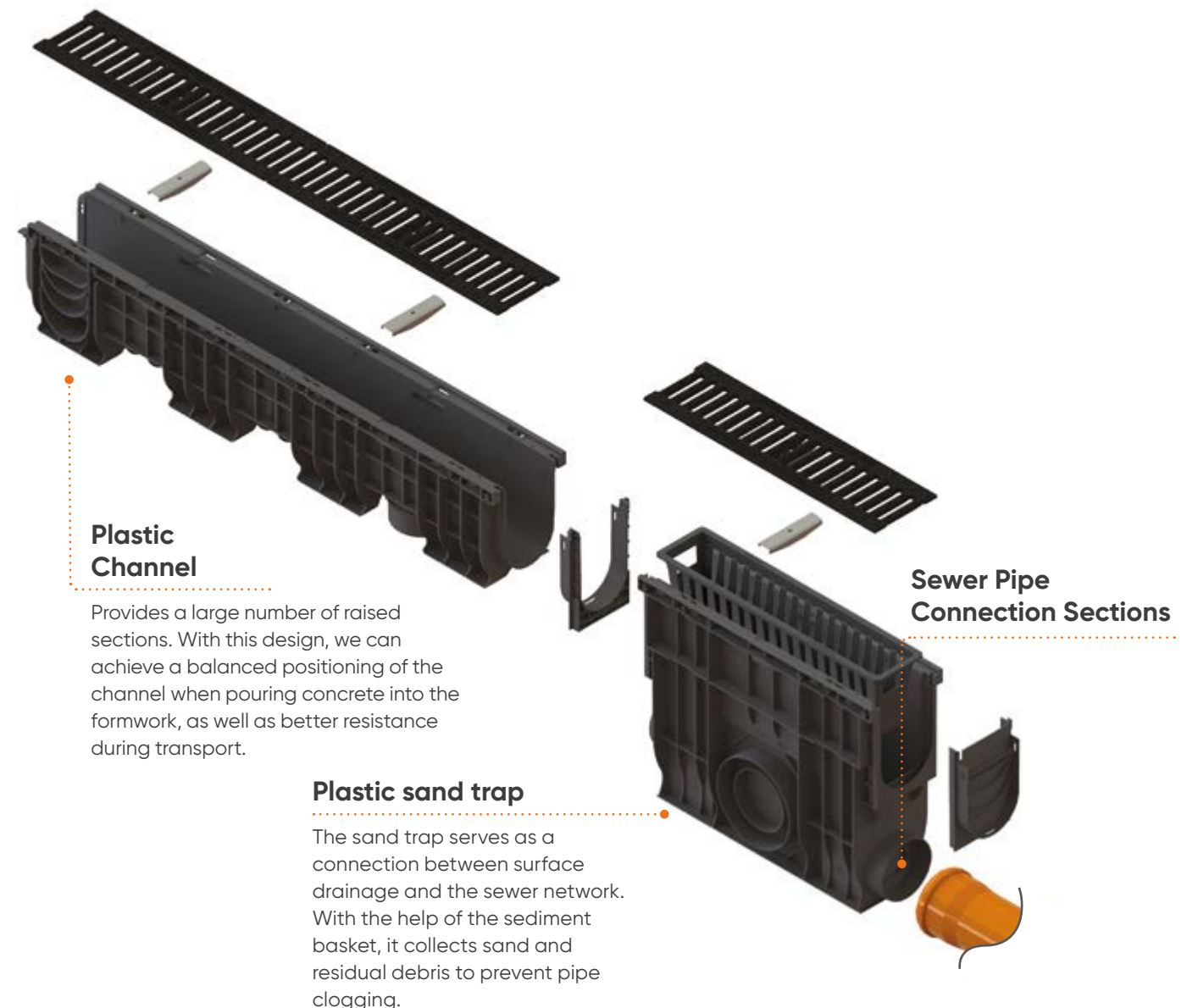


! The best selection of channels from the Base series is composed of 3 types of materials:

- Polypropylene (PP)
- Fibre Concrete (FB)
- Polymer Concrete (PB)

Reinforcement nozzles

Reinforcement nozzles provide a large number of raised sections. Thus, with the help of this design, we can achieve a balanced positioning of the channel when pouring concrete into the formwork, as well as better resistance during transport. All channels in this series can be used with or without reinforcement nozzles. These are available at the request of our partners as an additional construction element. The purpose of these nozzles is to better support the grate on the upper edges of the channels and prevent their settling over time. Upon request, channels can be equipped with reinforcement nozzles and then delivered to the construction site.



Plastic Channel

Provides a large number of raised sections. With this design, we can achieve a balanced positioning of the channel when pouring concrete into the formwork, as well as better resistance during transport.

Plastic sand trap

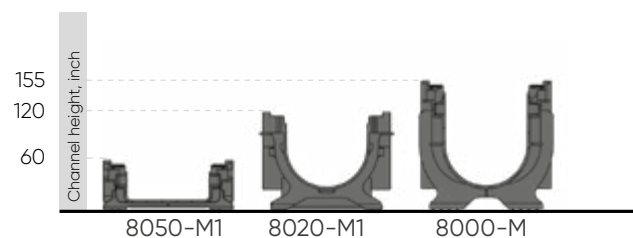
The sand trap serves as a connection between surface drainage and the sewer network. With the help of the sediment basket, it collects sand and residual debris to prevent pipe clogging.

Sewer Pipe Connection Sections

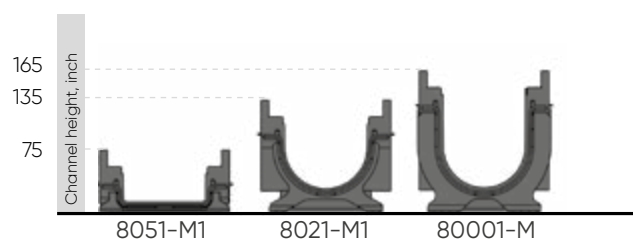


BASE Channels made of Polypropylene

Low board



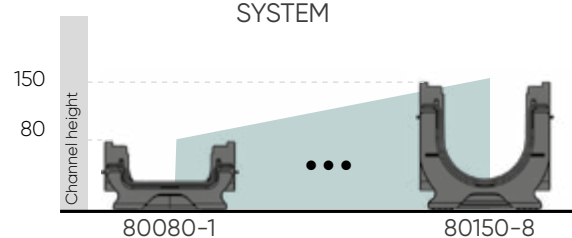
High board



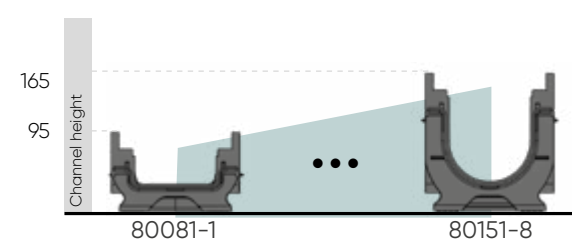
Non-sloped channels

NEW!

INTERNAL SLOPE SYSTEM



! Sloped run consists of 8 channels



Sloped Channels

TYPES OF SLOPE



NO SLOPE



CASCADED SLOPE

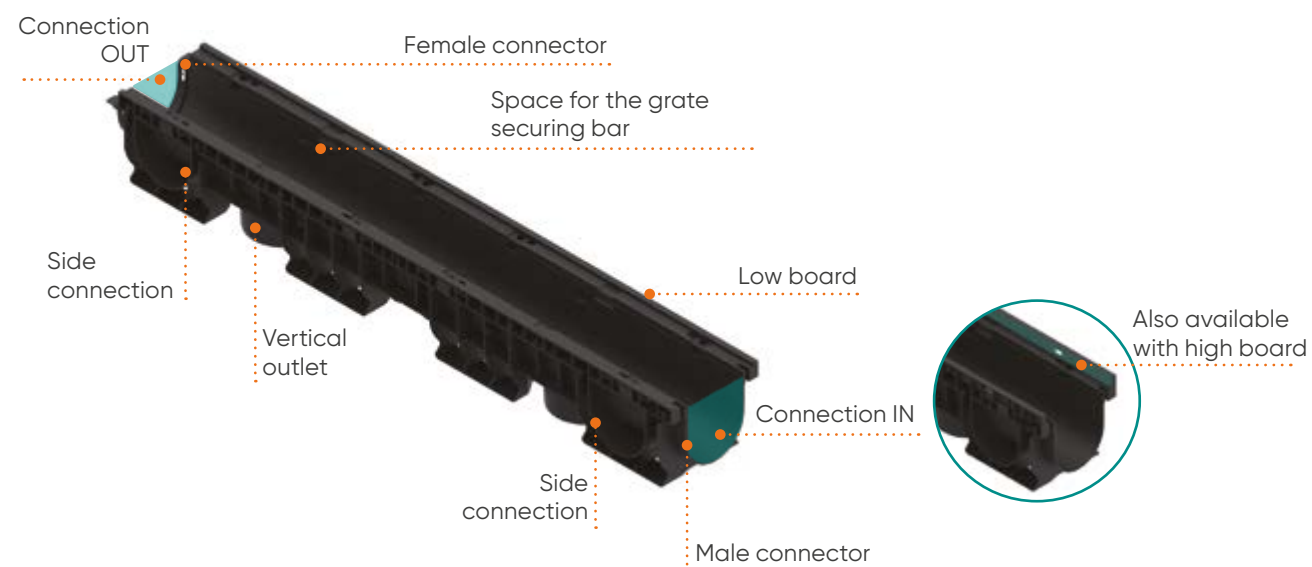


PRESLOPED 1%



MIXED SLOPE

CHANNEL FEATURES

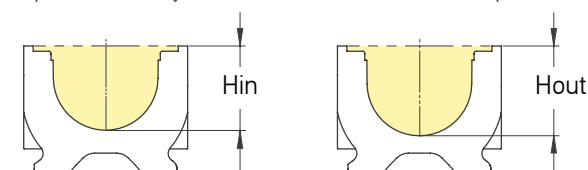


WHAT IS THE DIFFERENCE BETWEEN NON-SLOPED AND SLOPED CHANNELS?

Channels with internal slope

1. WITH INTERNAL SLOPE OF 1%

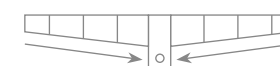
The difference in interior height between the beginning and end of a channel is 10 mm, which corresponds ideally to the recommended 1% slope.



$$H_{in} < H_{out}$$

2. SLOPE FORMED BY THE CONSTRUCTION OF THE CHANNEL

The line of channels with interior slope is installed directed towards the drainage points.



PRESLOPED 1%



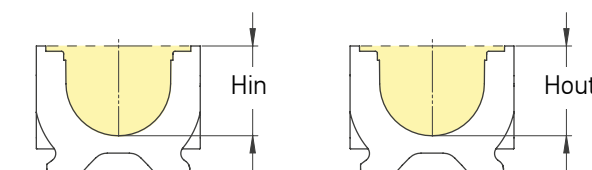
MIXED SLOPE

Mixed slope - can be achieved by combining channels with slope and those without slope, depending on the project requirements.

Channels without internal slope

1. WITHOUT INTERNAL SLOPE

The channel has the same interior height at both ends.



$$H_{in} = H_{out}$$

2. CASCADE SLOPE IS NECESSARY

To create the necessary slope for proper drainage of rainwater, the construction of the slope is achieved by installing channels of different heights in the terrain, creating a cascade-like slope.



CASCADED SLOPE

3. EASY TO INSTALL

Each channel is numbered, making it easy to plan and execute their installation in the necessary order to form the slope.



4. SAME TOTAL HEIGHT

Even though they have different interior heights for creating the slope, the channels have the same total exterior height. The base of the channels is identical, so there is no need to construct a slope from the terrain or from the concrete slab on which the channels are installed.



3. CUSTOM INSTALLATION INSTRUCTIONS

Based on the technical specifications and required dimensions, the customer defines the installation sequence of channels with different heights to create a cascade-like slope.

Polypropylene Channels with Interior Slope

ADVANTAGES OF VODALAND POLYPROPYLENE CHANNELS WITH INTERIOR SLOPE

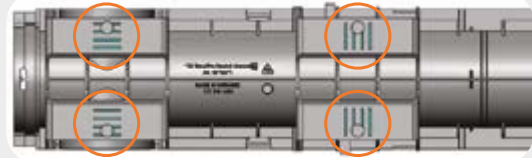
1



SAME WIDTH

Channels with interior slope and neutral channels without slope follow the same standard widths and can be easily installed together as part of the same channel line.

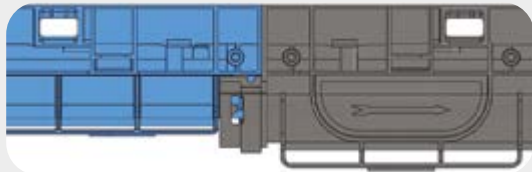
2



EASY TO INSTALL

The anti-slip elements at the base of the channels facilitate the installation process, providing stability and support during assembly.

3



SAME TYPE OF CONNECTIONS

No additional cutting of channels is required since all are manufactured with the same type of connections for easy and quick assembly.

4



EASY TO CUT

Channels in this series are designed to be easily cut into 0.5m sections. They come with extra connections at halfway points for seamless integration with other channels or end plates.

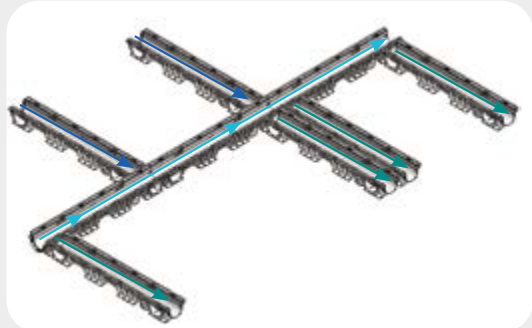
5



LOAD CLASSES UP TO C250

All channels can be reinforced at the edges to allow their use with grates of load classes up to C250

6

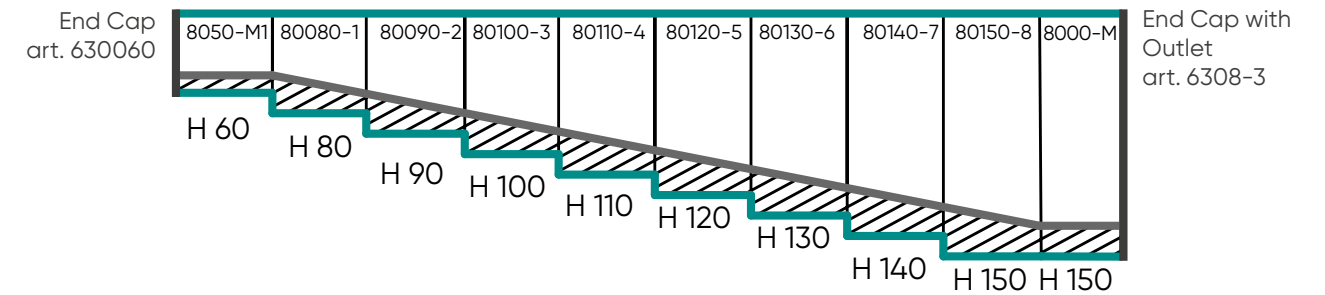


FLEXIBLE CONFIGURATION OF CHANNEL LINES

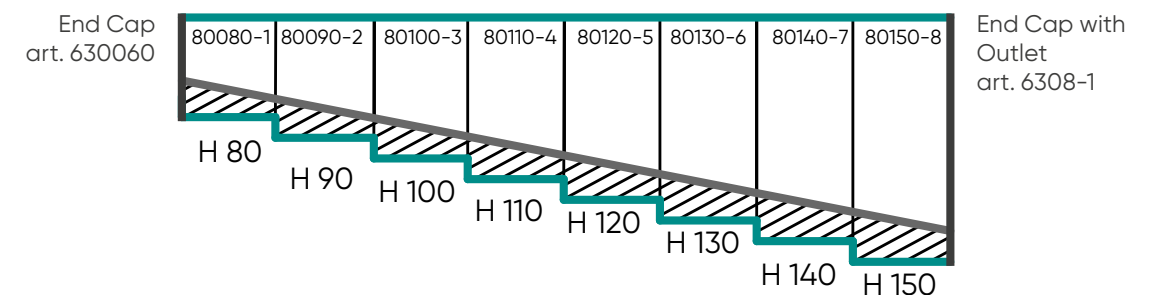
All channels with interior slope can be connected to others of the same type on both sides, forming a versatile drainage system.

Suggested Installation of BASE Channels with and without Slope

INSTALLATION OPTION FOR CHANNELS WITH SLOPE, HAVING CHANNELS WITHOUT SLOPE AT THE ENDS OF THE LINE



CONFIGURATION CONSISTING ONLY OF CHANNELS WITH INTERIOR SLOPE.

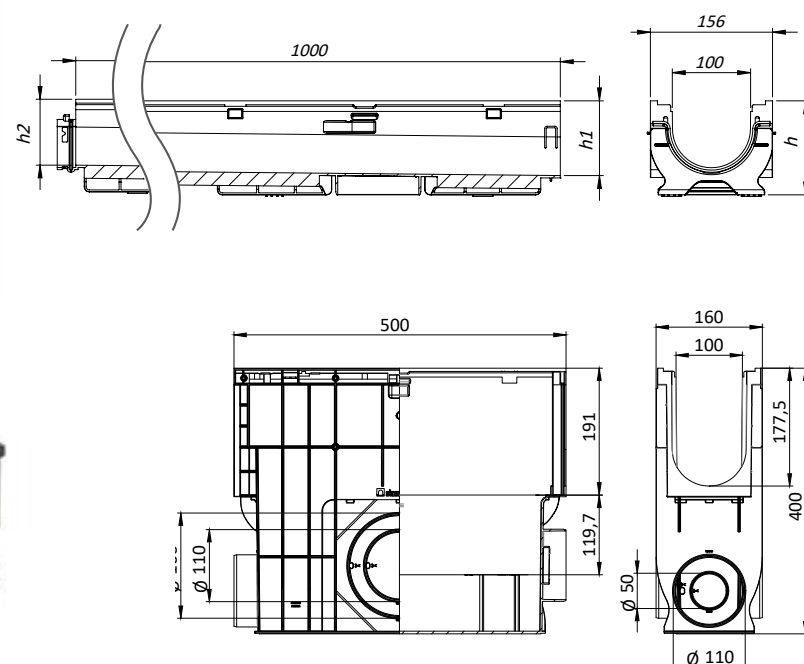


Base LN 100

Channels with internal slope
Low board



art. 8080-M



Grate

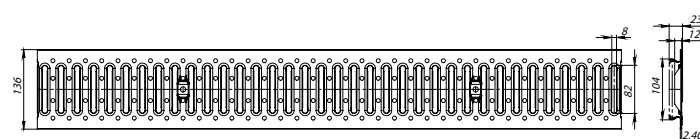


art. 20101

art. 20901

art. 20601

art. 20701-M



art. 2020

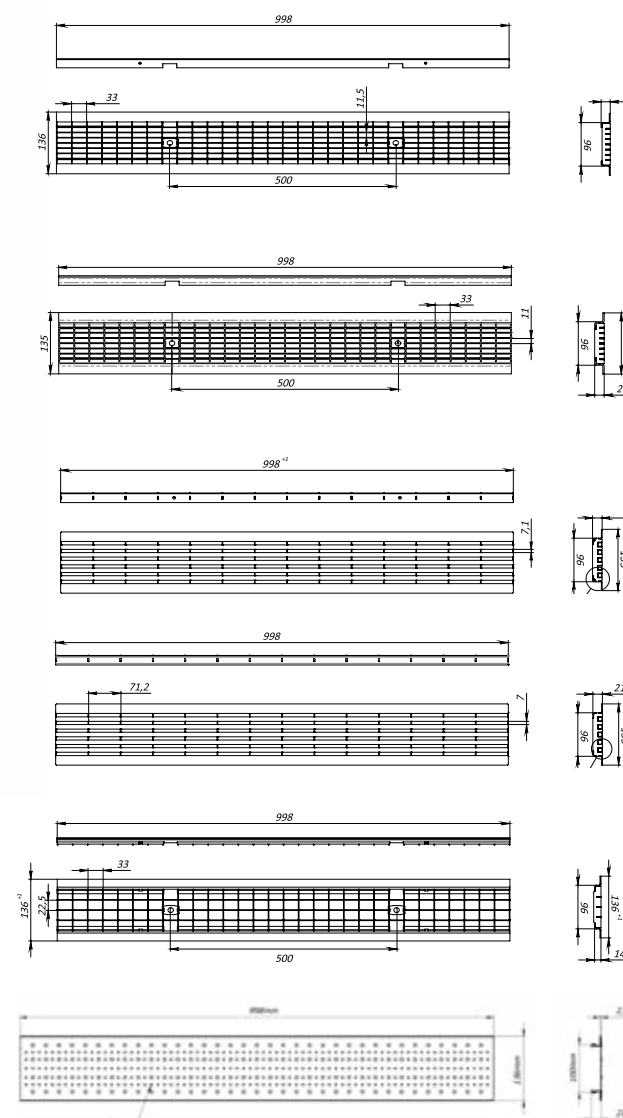
art. 20502

art. 202018

art. 205018

art. 202026

art. 20901B



art. 20801

art. 208019

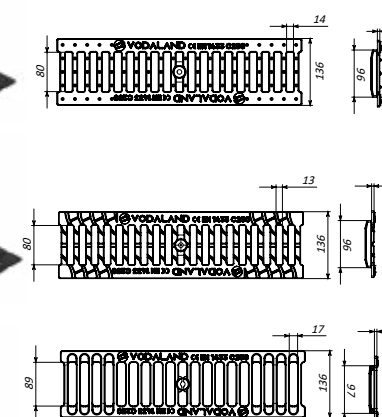
art. 20402

art. 203031

art. 20303

art. 203032

art. 283031



BASE Channels with internal slope and accessories					
Article	Channel	End Cap		End cap with outlet	Sand trap
		IN (F)	OUT (M)		
Rigole cu pantă					
80080-1		630060 	630-1 	6308-1 	8080-M 
80090-2		630-1 			
80100-3			630-2 	6308-2 	
80110-4		630-2 			
80120-5					6308-3 
80130-6					
80140-7					
80150-8					

Grate	Fastener		
	6100-M	6200-M	6800-MUA
20101-M	•	•	•
20901-M	•	•	•
20601-M	•	•	•
2020-UA	•	•	•
208019	•	•	•

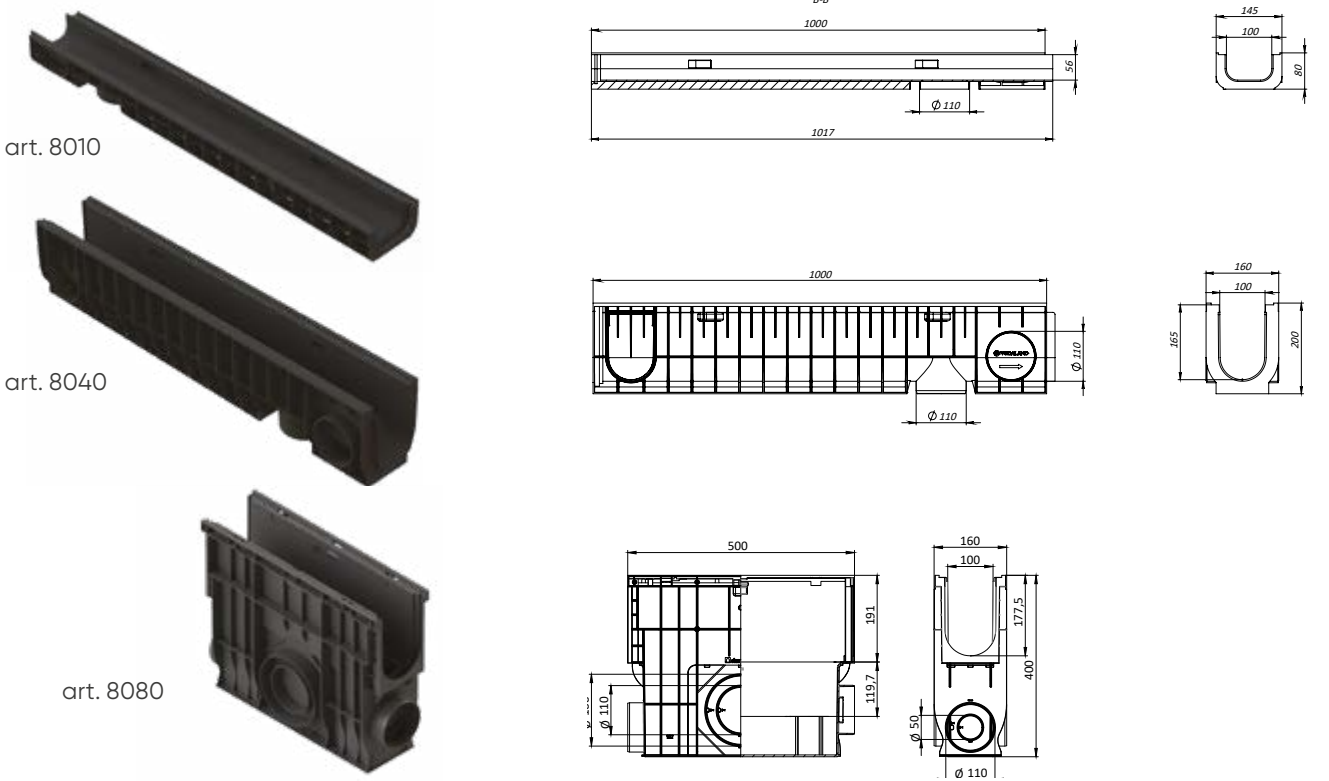
Grate	Fastener		
	6100-M	6200-M	6800-MUA
20902	•	•	•
20303	•	•	•
2030351	•	•	•
20403-ADA	•	•	•

Load class	Grate					
	Plastic art. 208019	Galvanized steel art. 20101	Stainless Steel art. 20901	Cupru art. 20601	Alamă art. 20701-M	Galvanized steel art. 2020
	Galvanized steel art. 202018	Inox art. 205018	Galvanized steel art. 202026	Stainless Steel art. 20901B	Plastic art. 0801	
	Inox art. 20502	Cast iron art. 20402				
	Cast iron art. 20303	Cast iron art. 20403-ADA	Cast iron art. 203032	Cast iron art. 283031	Cast iron art. 203031	



Base LN 100

Neutral channels - without an internal slope
Low board



Article	Name	Load class	Length, mm	Width, mm	Height, mm	Weight, kg	Pcs/pallet
8010	BASE DN100 plastic channel Hext.80 A15-C250	C250	1000	145	80	1.1	336
8040	BASE DN100 plastic channel Hext.200 A15-C250	C250	1000	160	200	2.7	112

Article	Name
6831	End cap PP BASE for LN100 channel Hext.55-80
6301	End cap PP BASE with DN75 pipe connection for LN100 channel
68018	End cap PP BASE for LN100 chamber - 8080

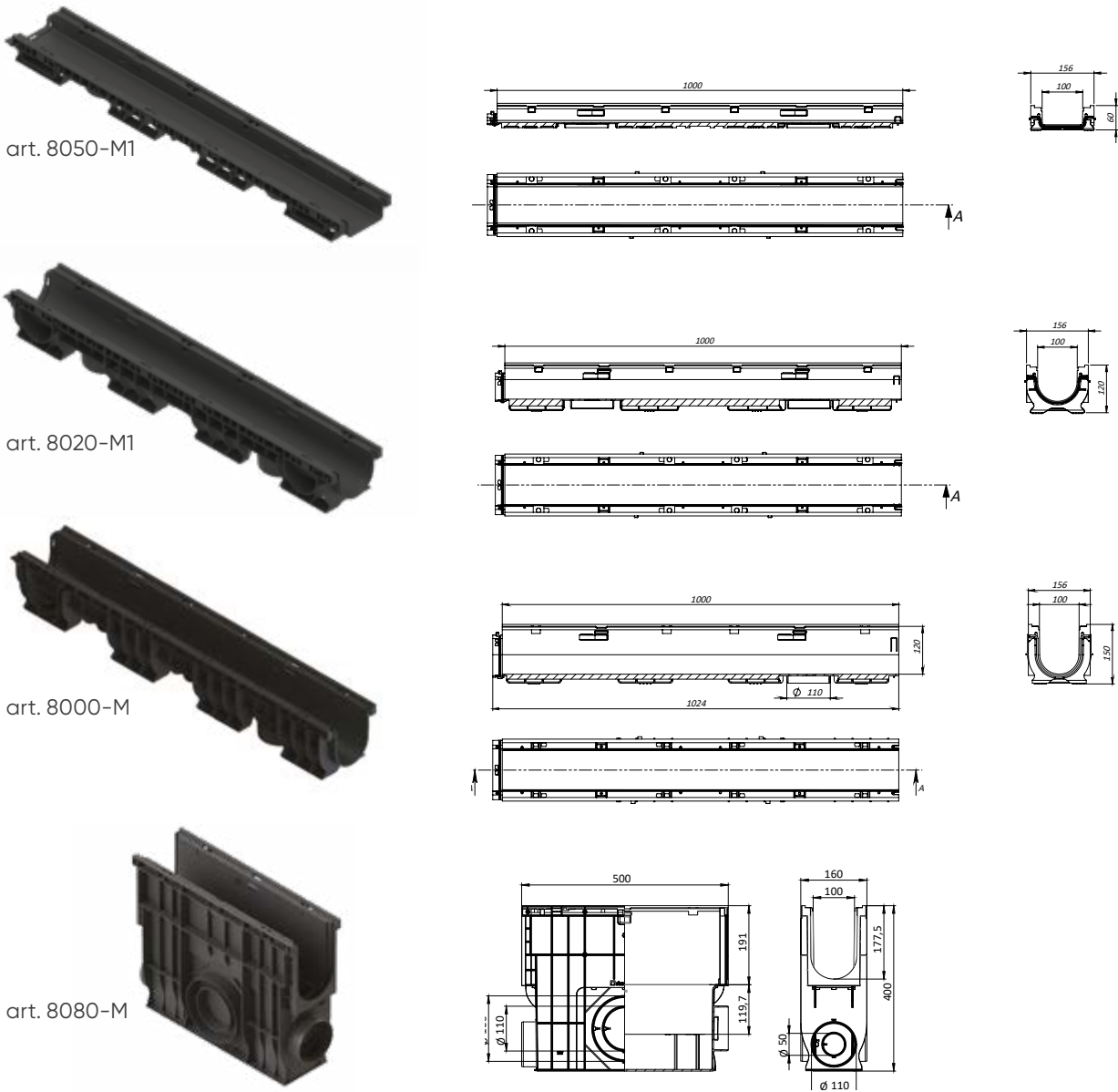
Article	Name
6100	Galvanized steel fastener (Anti-theft fixing system) BASE for PP LN100 channel
6200-M	Stainless steel fastener for grating
6800	Plastic fastener for plastic channel LN100
6809	Debris basket for drainage chamber

INSTALLATION BRACKETS

Support brackets for installation are used for mounting channels of classes A15-D400. The supports are attached to the channels and then secured into the ground, allowing for height adjustment as needed and the secure fixation of the channel before concrete pouring.



Article	For plastic channels:
6104	LN 100
6124	LN 150
6154	LN 200
6174	LN 300
6194	LN 500



Article	Name	Load class	Length, mm	Width, mm	Height, mm	Weight, kg	Pcs/pallet
8050-M1	BASE DN100 plastic channel Hext.60 2 DN110	A15-C250	1000	156	60	1.09	377
8020-M1	BASE DN100 plastic channel Hext.120 A15-C250	A15-C250	1000	156	120	1.57	181
8000-M	BASE DN100 plastic channel Hext.150 A15-C250	A15-C250	1000	156	150	2.11	140

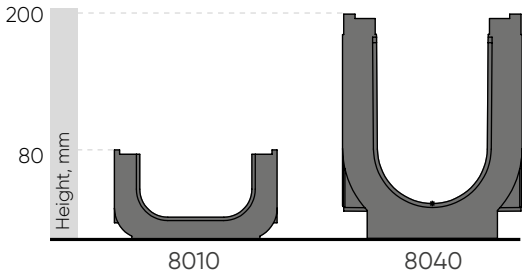


SEALANT

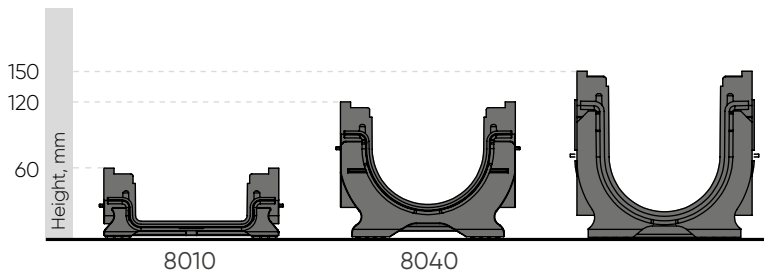
For efficient installation, we recommend using the G12M29C sealant. It is used for sealing channels, pipes, and drainage systems (interior or exterior), for bonding connections or joints.

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

BASE DN100 plastic channel



BASE DN100 plastic channel



Load class	Grate					
	Plastic art. 208019	Galvanized steel art. 20101	Stainless Steel art. 20901	Cupru art. 20601	Alamă art. 20701-M	Galvanized steel art. 2020
	Galvanized steel art. 202018	Inox art. 205018	Galvanized steel art. 202026	Stainless Steel art. 20901B	Plastic art. 0801	

Rigole și accesorii BASE

Article	Channel	Adapter	End Cap	Plăci de capăt cu ieșire		Catch basin	Adapter	
				Universal	Individual			
Rigole fără pantă								
8050-M1 8051-M1			630060 	6300608 	6300608-50 	8080-M 	6800/5-8-M 	Conexiune verticală 6855
8020-M1 8021-M1		6850/2-0-M 	630120 	6308-2 			6800/2-8-M 	Adapter 68018-M
8000-M 80001-M			630-2 	6308-3 	6301008-M 		6800/0-8-M 	Placa de capăt pentru căminul de scurgere poate fi folosită ca piesa de trecere/adaptor
8040			6830-M 					
8010			6831 					



BASE DN100 PLASTIC CHANNEL WITH GALVANIZED STEEL GRATE A15

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
0805020101	BASE DN100 channel Hext.60 with galvanized steel grate A15	1000	156	60	2.56
0801020101	BASE DN100 channel Hext.80 with galvanized steel grate A15	1000	145	80	2.80
0802020101	BASE DN100 channel Hext.120 with galvanized steel grate A15	1000	156	120	3.38
0800020101	BASE DN100 channel Hext.150 with galvanized steel grate A15	1000	156	150	3.80
0804020101	BASE DN100 channel Hext.200 with galvanized steel grate A15	1000	160	200	4.39



BASE DN100 PLASTIC CHANNEL WITH STAINLESS STEEL GRATE A15

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
0805020901	BASE DN100 channel Hext.60 with Stainless Steel grate A15	1000	156	60	2.56
0801020901	BASE DN100 channel Hext.80 with Stainless Steel grate A15	1000	145	80	2.80
0802020901	BASE DN100 channel Hext.120 with Stainless Steel grate A15	1000	156	120	3.38
0800020901	BASE DN100 channel Hext.150 with Stainless Steel grate A15	1000	156	150	3.80
0804020901	BASE DN100 channel Hext.200 with Stainless Steel grate A15	1000	160	200	4.39



BASE DN100 PLASTIC CHANNEL WITH COPPER GRATE A15

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
0805020601	BASE DN100 channel Hext.60 with copper grate A15	1000	156	60	1.98
0801020601	BASE DN100 channel Hext.80 with copper grate A15	1000	145	80	2.22
0802020601	BASE DN100 channel Hext.120 with copper grate A15	1000	156	120	2.80
0800020601	BASE DN100 channel Hext.150 with copper grate A15	1000	156	150	3.22
0804020601	BASE DN100 channel Hext.200 with copper grate A15	1000	160	200	3.81



BASE DN100 PLASTIC CHANNEL WITH PLASTIC GRATE A15

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
0805020801	BASE DN100 channel Hext.60 with plastic grate in A15	1000	156	60	1.30
0801020801	BASE DN100 channel Hext.80 with plastic grate in A15	1000	145	80	1.96
0802020801	BASE DN100 channel Hext.120 with plastic grate in A15	1000	156	120	2.12
0800020801	BASE DN100 channel Hext.150 with plastic grate in A15	1000	156	150	2.54
0804020801	BASE DN100 channel Hext.200 with plastic grate in A15	1000	160	200	3.13



BASE DN100 PLASTIC CHANNEL WITH PLASTIC GRATE A15

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
08050208019	BASE DN100 channel Hext.60 with plastic grate in fante A15	1000	156	60	2.54
08010208019	BASE DN100 channel Hext.80 with plastic grate in fante A15	1000	145	80	2.78
08020208019	BASE DN100 channel Hext.120 with plastic grate in fante A15	1000	156	120	3.30
08000208019	BASE DN100 channel Hext.150 with plastic grate in fante A15	1000	156	150	3.78
08040208019	BASE DN100 channel Hext.200 with plastic grate in fante A15	1000	160	200	4.25



BASE DN100 PLASTIC CHANNEL WITH STAINLESS STEEL GRATE PISCINE A15

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
080502090-B	BASE DN100 channel Hext.60 with Stainless Steel grate pentru piscine A15	1000	156	60	2.48
080102090-B	BASE DN100 channel Hext.80 with Stainless Steel grate pentru piscine A15	1000	145	80	2.72
080202090-B	BASE DN100 channel Hext.120 with Stainless Steel grate pentru piscine A15	1000	156	120	3.30
080002090-B	BASE DN100 channel Hext.150 with Stainless Steel grate pentru piscine A15	1000	156	150	3.72
080402090-B	BASE DN100 channel Hext.200 with Stainless Steel grate pentru piscine A15	1000	160	200	4.31



BASE DN100 PLASTIC CHANNEL WITH GALVANIZED STEEL GRATE HEELSAFE B125

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
080502020	BASE DN100 channel Hext.60 with galvanized steel grate HeelSafe B125	1000	156	60	3.98
080102020	BASE DN100 channel Hext.80with galvanized steel grate HeelSafe B125	1000	145	80	4.22
080202020	BASE DN100 channel Hext.120with galvanized steel grate HeelSafe B125	1000	156	120	4.80
080002020	BASE DN100 channel Hext.150with galvanized steel grate HeelSafe B125	1000	156	150	5.22
080402020	BASE DN100 channel Hext.200with galvanized steel grate HeelSafe B125	1000	160	200	5.81



BASE DN100 PLASTIC CHANNEL WITH GALVANIZED STEEL GRATE B125

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
08050202026	BASE DN100 channel Hext.60 with galvanized steel grate B125	1000	156	60	3.35
08010202026	BASE DN100 channel Hext.80 with galvanized steel grate B125	1000	145	80	3.59
08020202026	BASE DN100 channel Hext.120 with galvanized steel grate B125	1000	156	120	4.17
08000202026	BASE DN100 channel Hext.150 with galvanized steel grate B125	1000	156	150	4.59
08040202026	BASE DN100 channel Hext.200 with galvanized steel grate B125	1000	160	200	5.18



BASE DN100 PLASTIC CHANNEL WITH CAST IRON GRATE B125

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
0805020402	BASE DN100 channel Hext.60 with Cast Iron grate B125	1000	156	60	5.68
0801020402	BASE DN100 channel Hext.80 with Cast Iron grate B125	1000	145	80	5.92
0802020402	BASE DN100 channel Hext.120 with Cast Iron grate B125	1000	156	120	6.50
0800020402	BASE DN100 channel Hext.150 with Cast Iron grate B125	1000	156	150	6.92
0804020402	BASE DN100 channel Hext.200 with Cast Iron grate B125	1000	160	200	7.51



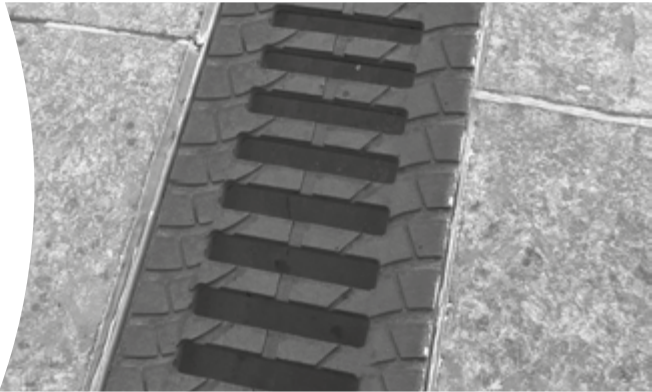
BASE DN100 PLASTIC CHANNEL WITH CAST IRON GRATE PARKING C250

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
080502030311	BASE DN100 channel Hext.60 with Cast Iron grate PARKING C250	1000	156	60	3.48
080102030311	BASE DN100 channel Hext.80 with Cast Iron grate PARKING C250	1000	145	80	3.72
080202030311	BASE DN100 channel Hext.120 with Cast Iron grate PARKING C250	1000	156	120	4.30
080002030311	BASE DN100 channel Hext.150 with Cast Iron grate PARKING C250	1000	156	150	4.72
080402030311	BASE DN100 channel Hext.200 with Cast Iron grate PARKING C250	1000	160	200	5.31



BASE DN100 PLASTIC CHANNEL WITH CAST IRON GRATE C250

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
08050203031	BASE DN100 channel Hext.60 with Cast Iron grate C250	1000	156	60	3.48
08010203031	BASE DN100 channel Hext.80 with Cast Iron grate clsa C250	1000	145	80	3.72
08020203031	BASE DN100 channel Hext.120 with Cast Iron grate C250	1000	156	120	4.30
08000203031	BASE DN100 channel Hext.150 with Cast Iron grate C250	1000	156	150	4.72
08040203031	BASE DN100 channel Hext.200 with Cast Iron grate C250	1000	160	200	5.31



BASE DN100 PLASTIC CHANNEL WITH CAST IRON GRATE ANTISLIP C250

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
08050203032	BASE DN100 channel Hext.60 with Cast Iron grate protector (ANTISLIP) C250	1000	156	60	3.52
08010203032	BASE DN100 channel Hext.80 with Cast Iron grate protector (ANTISLIP) C250	1000	145	80	3.76
08020203032	BASE DN100 channel Hext.120 with Cast Iron grate protector (ANTISLIP) C250	1000	156	120	4.34
08000203032	BASE DN100 channel Hext.150 with Cast Iron grate protector (ANTISLIP) C250	1000	156	150	4.76
08040203032	BASE DN100 channel Hext.200 with Cast Iron grate protector (ANTISLIP) C250	1000	160	200	5.35

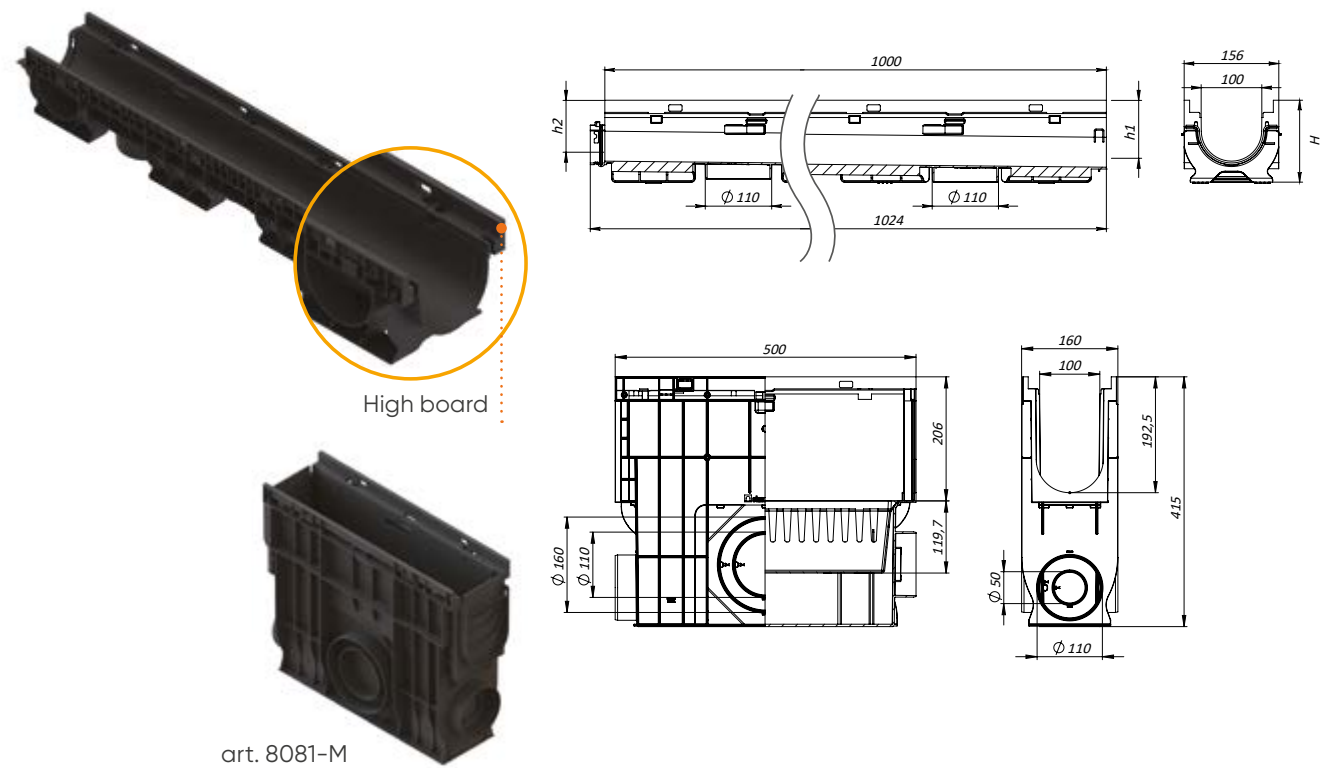


BASE DN100 PLASTIC CHANNEL WITH CAST IRON GRATE EASY C250

Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
08050283031	BASE DN100 channel Hext.60 with Cast Iron grate cu fante C250	1000	156	60	3.38
08010283031	BASE DN100 channel Hext.80 with Cast Iron grate cu fante C250	1000	145	80	3.62
08020283031	BASE DN100 channel Hext.120 with Cast Iron grate cu fante C250	1000	156	120	4.20
08000283031	BASE DN100 channel Hext.150 with Cast Iron grate cu fante C250	1000	156	150	4.62
08040283031	BASE DN100 channel Hext.200 with Cast Iron grate cu fante C250	1000	160	200	5.21

Base LN 100

High board channels



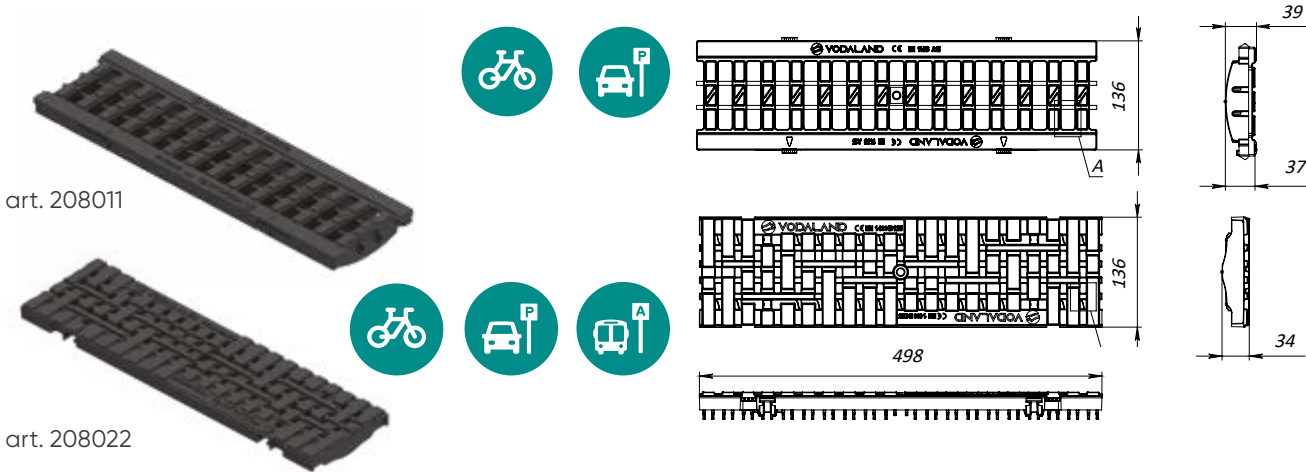
CHANNELS WITH INTERIOR SLOPE AND HIGH BOARD

Article	Name	Load class	Length, mm	Width, mm	H2, mm	H1, mm	Height, mm	Weight, kg
80081-1	BASE DN100 Sloped plastic channel with high board	A15-C250	1000	156	50	40	95	1.32
80091-2	BASE DN100 Sloped plastic channel with high board	A15-C250	1000	156	60	50	105	1.43
80101-3	BASE DN100 Sloped plastic channel with high board	A15-C250	1000	156	70	60	115	1.54
80111-4	BASE DN100 Sloped plastic channel with high board	A15-C250	1000	156	80	70	125	1.7
80121-5	BASE DN100 Sloped plastic channel with high board	A15-C250	1000	156	90	80	135	1.81
80131-6	BASE DN100 Sloped plastic channel with high board	A15-C250	1000	156	100	90	145	1.91
80141-7	BASE DN100 Sloped plastic channel with high board	A15-C250	1000	156	110	100	155	1.85
80151-8	BASE DN100 Sloped plastic channel with high board	A15-C250	1000	156	120	110	165	1.91
8081-M	Sand trap PP BASE LN100 Hext.415	A15-C250	500	160	-	-	415	2.42

NEUTRAL CHANNELS WITH HIGH BOARD

Article	Name	Load class	Length, mm	Width, mm	Height, mm	Weight, kg
80061	Plastic channel with high board H75	A15-C250	1000	156	75	1.19
80121	Plastic channel with high board H135	A15-C250	1000	156	135	1.74
80151	Plastic channel with high board H165	A15-C250	1000	156	165	2.1

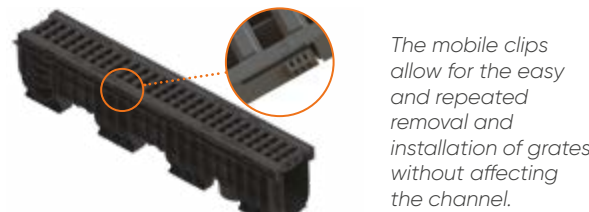
Plastic gratings for high board channels



Article	Name	Load class	Length, mm	Width, mm	Height, mm
208011	Base DN100 plastic grate for high board channel	A15	498	136	37
208021	Base DN100 plastic grate for high board channel	B125	498	136	34
208012	Base DN100 plastic grate for high board channel	A15	498	136	37
208022	Base DN100 plastic grate for high board channel	B125	498	136	34
208032	Base DN100 plastic grate for high board channel	C250	498	136	34

Grate	Fastener		
	6800-M UA	68631	6861
208011			
208021	•		
208012	•	•	•
208022	•	•	•
208032	•	•	•

FASTENING



The mobile clips allow for the easy and repeated removal and installation of gratings without affecting the channel.

Load class	BASE Accessories - Grates for channels with high board	
	Plastic art. 208011	Plastic art. 208012
	Plastic art. 208021	Plastic art. 208022
		Plastic art. 208032

CENTRAL FASTENERS FOR GRATINGS



SECURING THROUGH CLIPS



BASE DN100 PLASTIC CHANNEL WITH GALVANIZED STEEL GRATE A15



Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
0824022101	BASE DN150 plastic channel Hext.200 with galvanized steel grate A15	1000	210	200	5.74
08240122101	BASE DN150 plastic channel Hext.215 with galvanized steel grate A15	1000	210	215	6.54

BASE DN100 PLASTIC CHANNEL WITH PLASTIC GRATE A15



Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
0824022801	BASE DN150 plastic channel Hext.200 with plastic grate A15	1000	210	200	4.28
08240122801	BASE DN150 plastic channel Hext.215 with plastic grate A15	1000	210	215	4.35
0824081	BASE DN150 plastic channel Hext.217 with plastic grate A15	1000	210	217	4.39

BASE DN100 PLASTIC CHANNEL WITH PLASTIC GRATE B125



Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
0824022802	BASE DN150 plastic channel Hext.200 with plastic grate B125	1000	210	200	6.90
08240122802	BASE DN150 plastic channel Hext.215 with plastic grate B125	1000	210	215	6.90

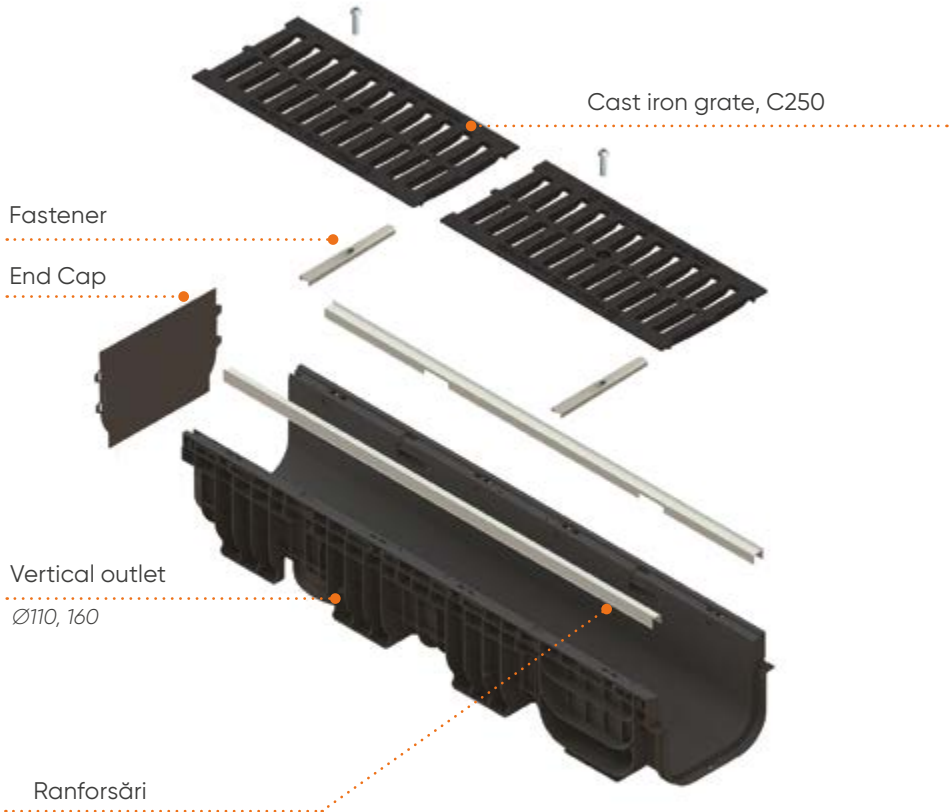
BASE DN100 PLASTIC CHANNEL WITH CAST IRON GRATE C250



Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
08240223031	BASE DN150 plastic channel Hext.200 with Cast Iron grate C250	1000	210	200	8.41
082401223031	BASE DN150 plastic channel Hext.215 with cast iron grate C250	1000	210	215	8.41

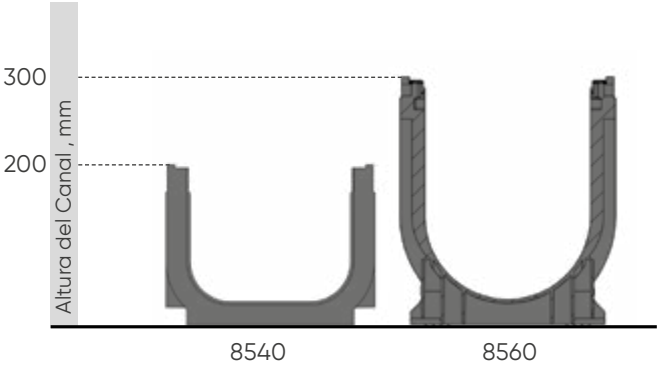
Base LN 200

Neutral channels - without an internal slope



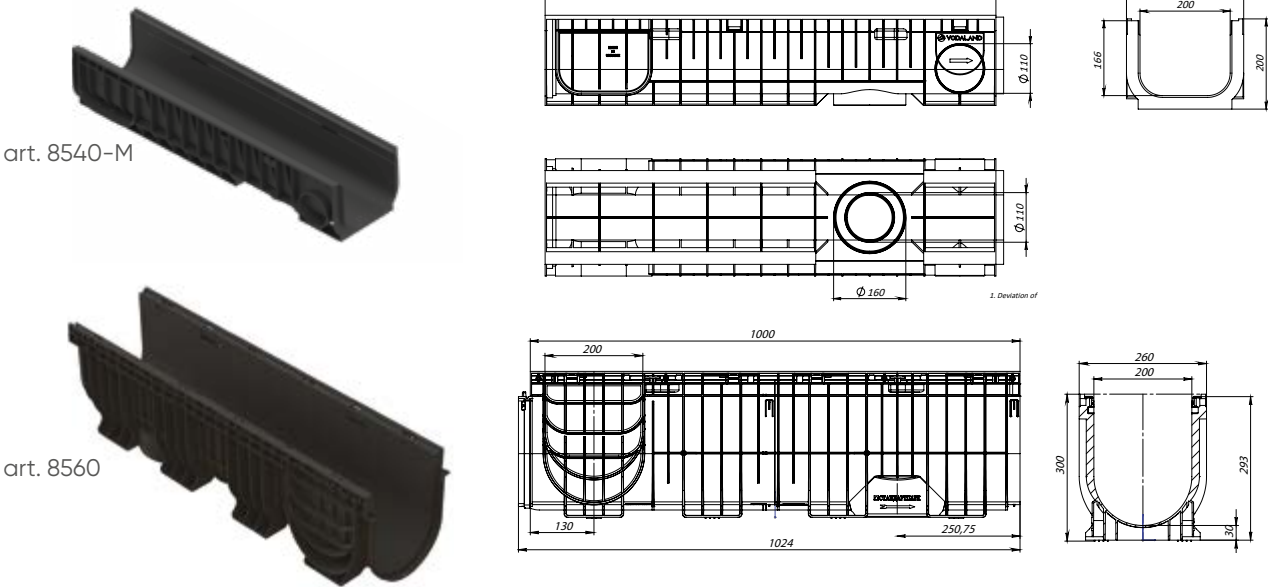
! It is possible to add reinforcements made of Galvanized Steel on the edges of the channel to increase strength.

Base DN200 plastic channel

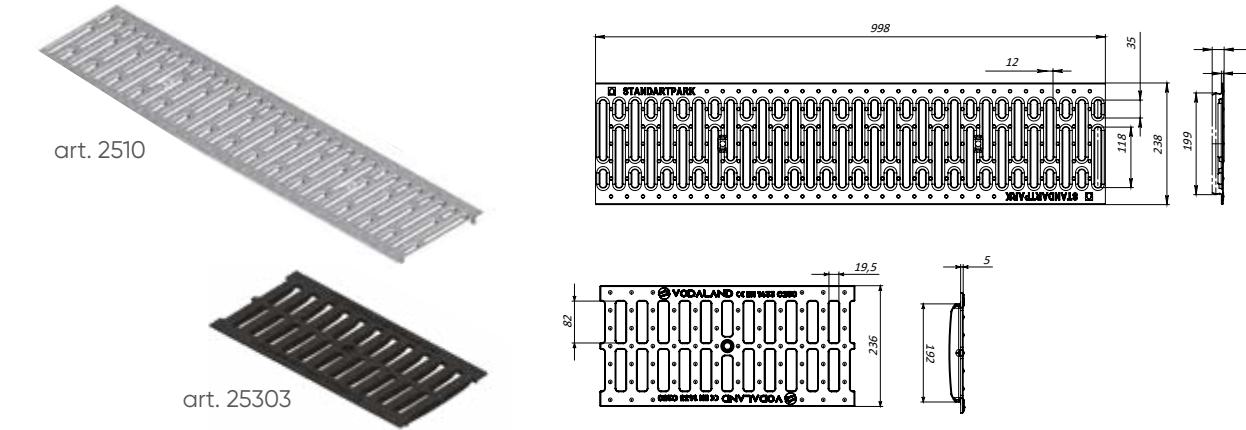


Grate

Load class	Grate
	Galvanized steel art. 2510
	Cast iron art. 25303



Grate



BASE DN100 PLASTIC CHANNEL WITH GALVANIZED STEEL GRATE A15



Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
085102510	BASE DN200 plastic channel Hext.80 with galvanized steel grate A15 (1000.256.80)	1000	256	80	5.70
085402510	BASE DN200 plastic channel Hext.200 with galvanized steel grate A15 (1000.256.200)	1000	256	200	7.40
085602510	BASE DN200 plastic channel Hext.300 with galvanized steel grate A15 (1000.256.300)	1000	256	300	5.90

BASE DN100 PLASTIC CHANNEL WITH CAST IRON GRATE C250



Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
0851025303	BASE DN200 plastic channel Hext.80 with Cast Iron grate C250 (1000.256.80)	1000	256	80	14.70
0854025303	BASE DN200 plastic channel Hext.200 with Cast Iron grate C250 (1000.260.200)	1000	260	200	16.30
0856025303	BASE DN200 plastic channel Hext.300 with Cast Iron grate C250 (1000.260.300)	1000	260	300	18.10

Accesorii seria Base LN 200						
Article	Channel	Adapter	End Cap		Sand trap	Fastener
8540-M		6855/4-2-M	6351	cu ieşire 6351408-M	858007	6850-50K
8560		6855/6-4-M	63516	6351608-M	6865	6105

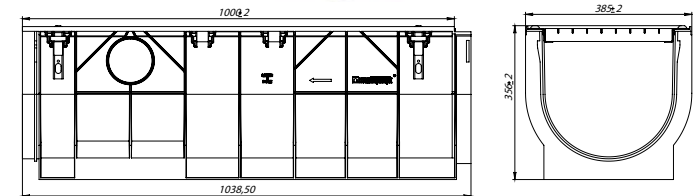


Base LN 300

Neutral channels - without an internal slope

PLASTIC CHANNEL WITH GALVANIZED STEEL GRATE A15

PLASTIC CHANNEL WITH WITH CAST IRON GRATE C250

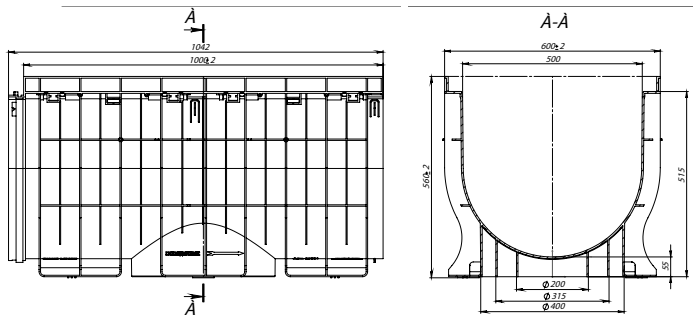


Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
087001	BASE DN300 plastic channel Hext.354 with galvanized steel grate A15 (1000.385.354)	1000	385	354	14.02
087043	BASE DN300 plastic channel Hext.356 with cast iron grate C250 (1000.385.356)	1000	385	356	36.3

Base LN 500

Rigole Neutral

PLASTIC CHANNEL WITH GALVANIZED STEEL GRATE A15



Article	Name	Length, mm	Outer width, mm	External height, mm	Weight, kg
890012920192	BASE DN500 plastic channel Hext.560 galvanized steel grate A15 (1000.600.560)	1000	600	560	21.59
8900119191	BASE DN500 plastic channel Hext.560 galvanized steel cover A15 (1000.600.560)	1000	600	560	22.50

Catch basins

Base Series 200x200



art. 2031-G

art. 2021-G



Catch Basin (PP)
art. 2011-G

SERIA BASE 200X200

Article	Name	Length, mm	Width, mm	Înălțime, mm	Weight, kg
2011-G	Plastic Catch basin, square, grey, type I A15-C250 200x200 (2011-G)	200	200	200	0.70
2021-G	Plastic cover BASE, grey, for catch basin, type I A15 200x200 (2021-G)	190	190	22	0.39
2041-G	Plastic frame BASE for catch basin, type I A15 200x200 (2041-G)	240	240	30	0.24
2031-G	Plastic grating BASE, grey, for catch basin, type I A15 200x200 (2031-G)	190	190	23	0.34

Base series catch basins 300x300

Catch Basin Extension
art. 8370-E



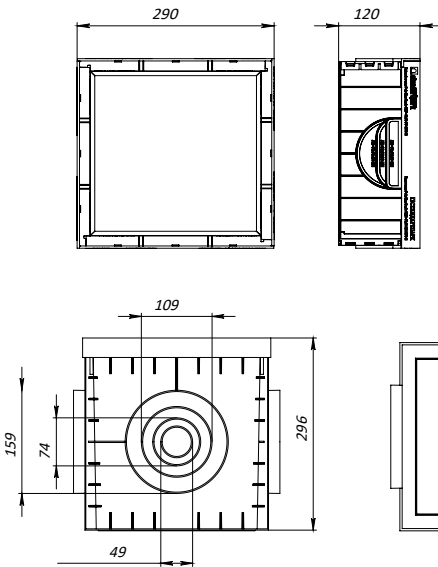
Plastic basket
art. 8379

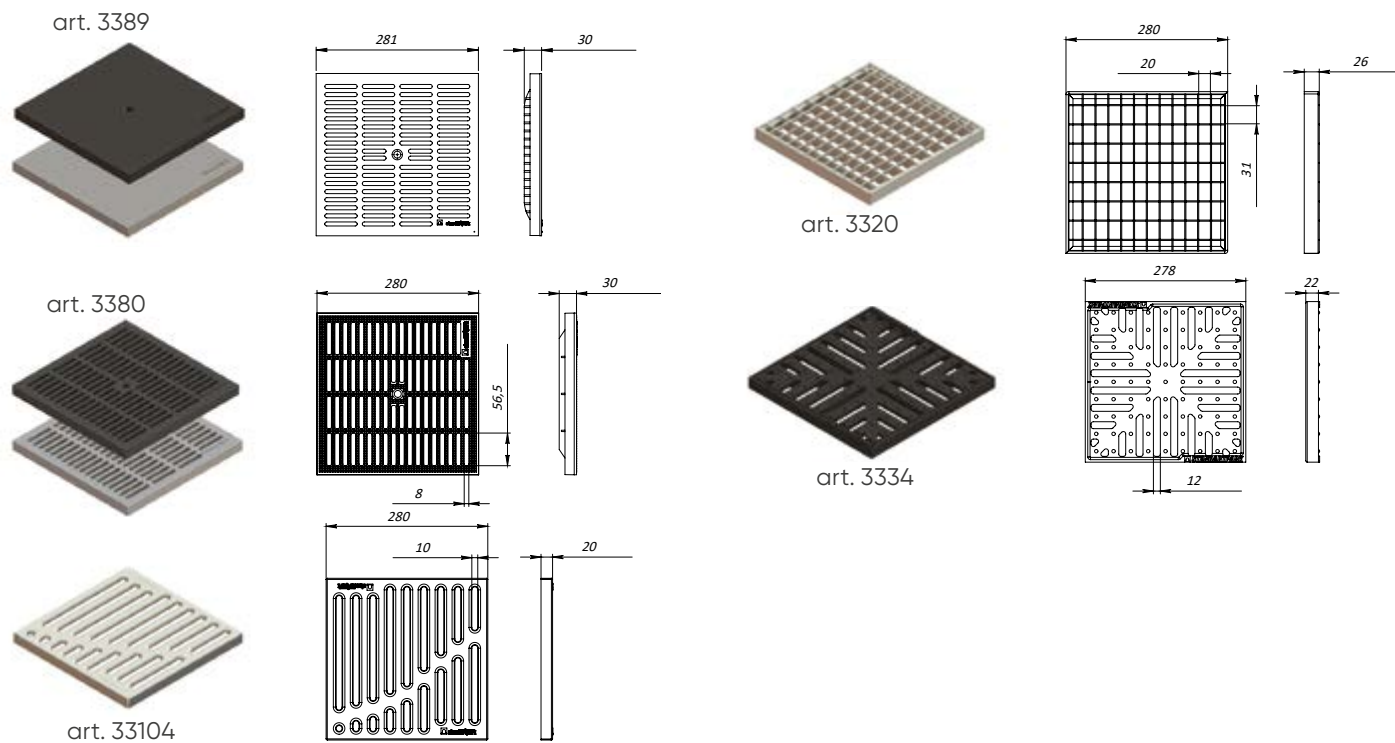


Support walls for debris basket
art. 8378



Plastic Catch Basin
art. 8370-N





BASE SERIES 300X300

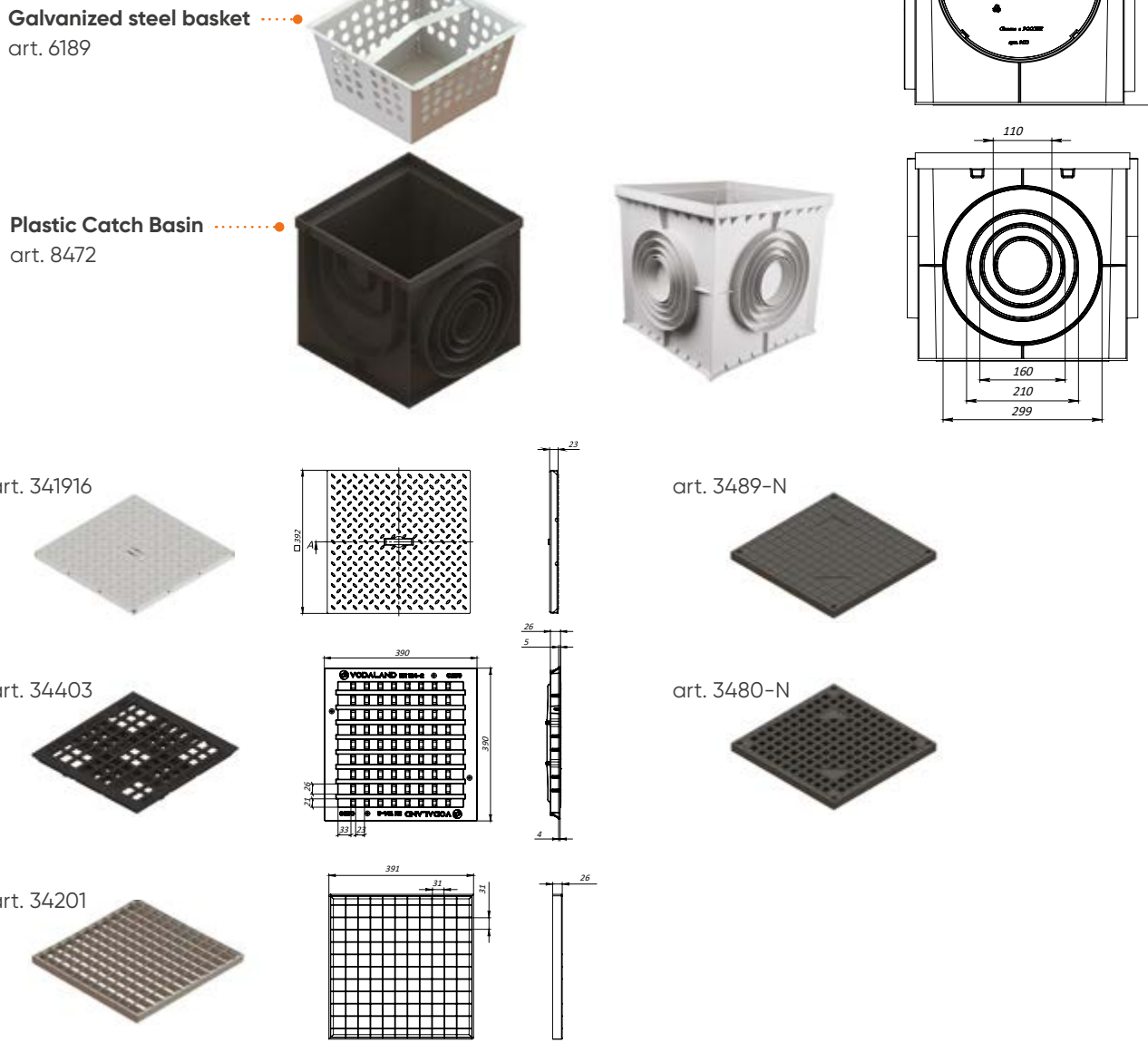
Article	Name	Length, mm	Width, mm	Înălțime, mm	Weight, kg
0837038301	Plastic BASE Catch basin with basket and cast iron grating B125 (300x300)	300	300	300	7.17
083703389-N	Plastic BASE Catch basin with plastic cover black A15 (300x300)	300	300	300	2.53
083703380	Plastic BASE Catch basin with plastic grate black A15 (300x300)	300	300	300	2.34
8370-N	Plastic BASE Catch basin (300x300)	290	290	297	1.79
8370-E	Plastic BASE Extension for catch basin (300x300)	290	290	120	0.80
8379	Plastic BASE Debris basket for Catch basin (300x300)	242	157	156	0.20
8378	Plastic BASE Support walls for debris basket (300x300)	249	49	243	0.18
3380-N	Plastic BASE grating for catch basin, black, A15 (300x300)	280	280	30	0.74
3380-G	Plastic BASE grating for catch basin, grey, A15 (300x300)	280	280	30	0.74
3380-V	Plastic BASE grating for catch basin, green, A15 (300x300)	280	280	30	0.74
3389-N	Plastic BASE cover for catch basin, black, A15 (300x300)	280	280	30	0.55
3398-G	Plastic BASE cover for catch basin, grey, A15 (300x300)	280	280	30	0.55
3398-V	Plastic BASE cover for catch basin, green, A15 (300x300)	280	280	30	0.55
33104	Galvanized steel BASE Grating for catch basin, A15 (300x300)	280	280	30	0.55
3320	Galvanized steel BASE Mesh Grating for catch basin, A15 (300x300)	280	280	20	0.55
38301	Cast Iron BASE Grating for catch basin, B125 (300x300)	278	278	26	1.87
3334	Cast Iron BASE Grating for catch basin, B125 (300x300)	278	278	22	5.29

The Base series catch basins offer a multi-functional solution for collecting rainwater:

- Point-wise (catch basins) – possible connection of pipes with DN 110, 160, 200, and 315 mm
- Linear (sand and sediment traps) – possible connection at the turning points of the channel section at a 90-degree angle

The chamber can be installed, for example, between two sections with different dimensions of channels from the Base series ***(LN100 H150 mm Art. 8000, LN300 H354 mm / Art. 8740). Article 84721 allows you to create a corner connection with the channels.

BASE series catch basins 400x400



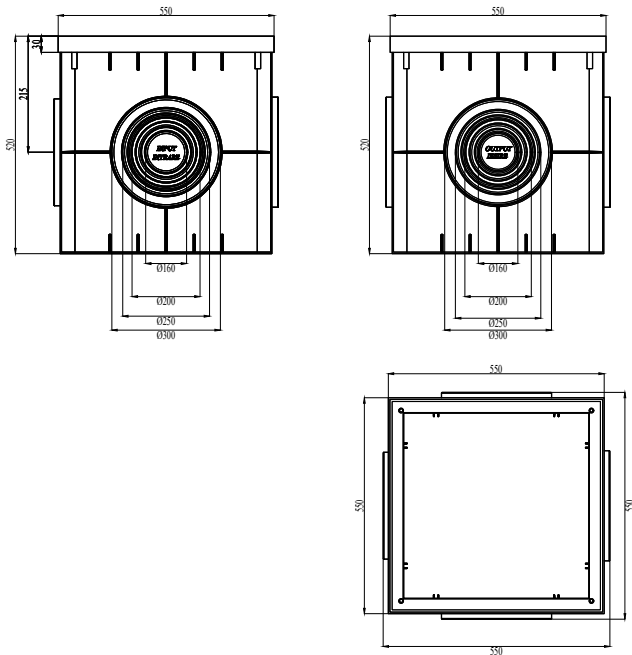
SERIA BASE 400X400

Article	Name	Length, mm	Width, mm	Înălțime, mm	Weight, kg
8472-N	Plastic BASE catch basin A15, black (400x400)	403	403	391	4.40
8472.1	Plastic BASE catch basin A15-C250, corner, black (8472.1)	403	403	391	4.40
8472E	Plastic BASE catch basin, black, A15 (400x400)	403	403	391	4.40
78472E	Plastic BASE extension for catch basin, black (400x400)	403	403	214	3.41
6189	Galvanized steel BASE debris basket for catch basin (400x400)	330	330	186	2.20
98472E-N	Plastic BASE cover for catch basin A15 (400x400)	388	390	34	1.12
88472E	Plastic BASE grating for catch basin A15 (400x400)	388	390	34	0.92
34201	Galvanized steel BASE grating for catch basin A15 (400x400)	391	391	26	3.00
34403	Cast Iron BASE grating for catch basin C250 (400x400)	390	390	66	9.06
8472I-G	Plastic BASE Catch basin, grey, type I A15-C250 (8472I-G)	400	400	395	4.8
98472I-G	Plastic BASE cover, grey, for catch basin type I A15 (98472I-G)	380	380	25	3.15
88472I-G	Plastic BASE grating, grey, for catch basin type I A15 400x400 (88472I-G)	380	380	25	2.8
78472I-G	Plastic BASE frame, grey, for catch basin type I A15 400x400 (78472I-G)	455	455	55	1.3
341916	Galvanized steel BASE cover, grey, for catch basin, A15 400x400 (341916)	400	400	23	5.19

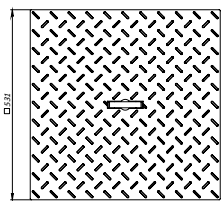
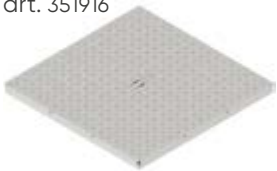
Base series catch basins 550x550



551I-G



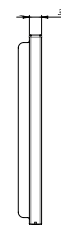
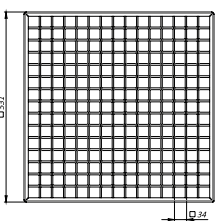
art. 351916



art. 553I-G



art. 3520



art. 552I-G



SERIA BASE 550X550

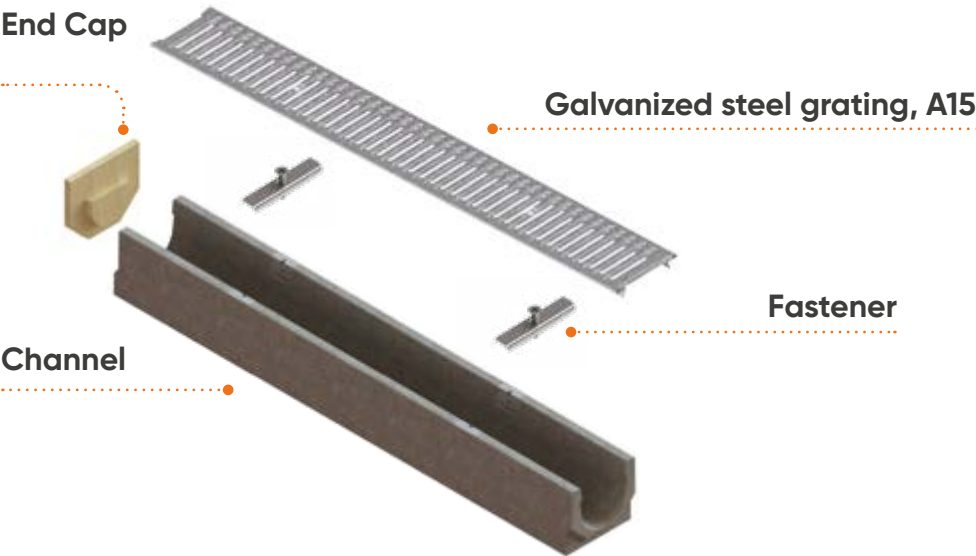
Article	Name	Length, mm	Width, mm	Înălțime, mm	Weight, kg
551I-G	Plastic BASE catch basin, grey, type I, A15-C250 550x550 (551I-G)	550	550	520	12.9
552I-G	Plastic BASE cover, grey, for catch basin type I, A15 550x550 (552I-G)	530	530	35	9.8
553I-G	Plastic BASE grating, grey, for catch basin type I, A15 550x550 (553I-G)	550	550	20	9.1
555I-G	Plastic BASE frame, grey, for catch basin type I, A15 550x550 (555I-G)	620	620	55	1.2
351916	Galvanized steel BASE cover for catch basin A15 550x550 (351916)	532	532	33	9.74
3520	Galvanized steel BASE grating for catch basin A15 550x550 (3520)	532	532	34	6.25



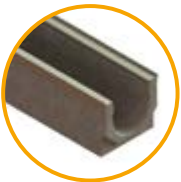
CONCRETE CHANNELS

Fiber-reinforced concrete

Fiber-reinforced concrete channels have increased durability over time and can be installed with grates made of galvanized steel or cast iron. These can be installed in areas suitable for the load class, whether pedestrian zones, public or residential spaces, parking lots, or near sidewalk curbs, in non-traffic areas.



Available options



Possibility of reinforcement through galvanized steel edges.



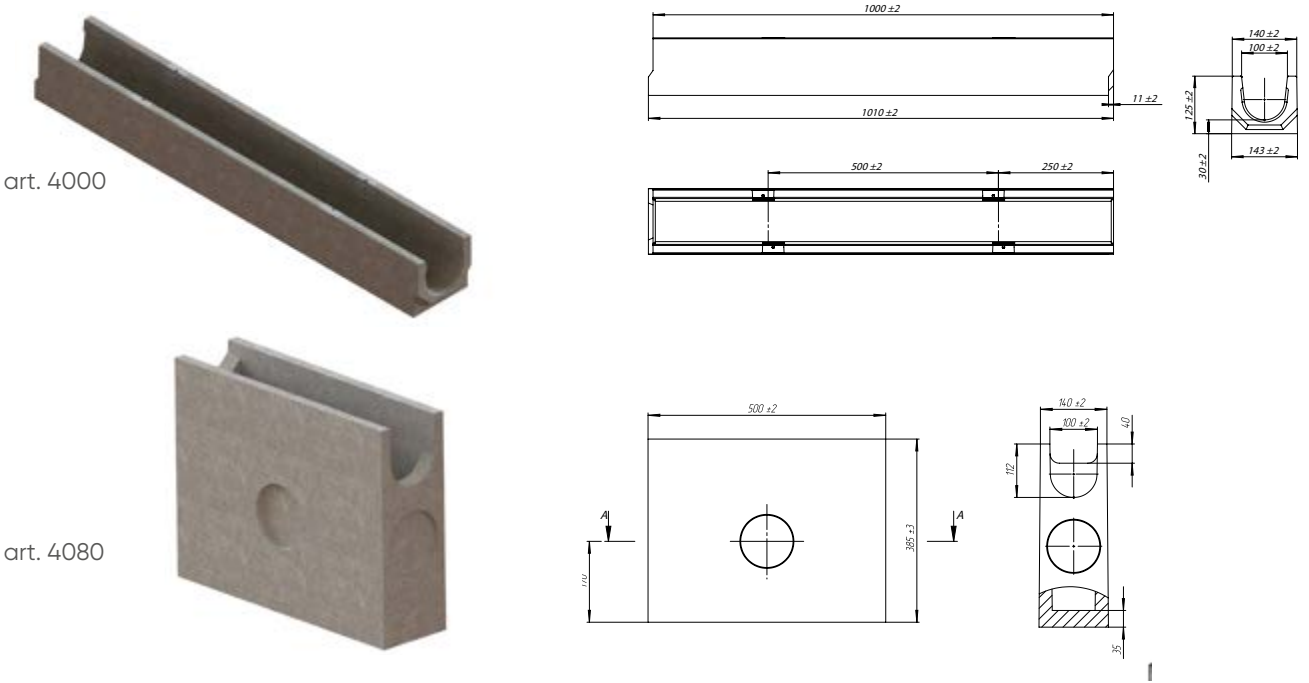
Channels can be produced with vertical outlet

Load class	Grate	
	Galvanized steel 20101	
	Galvanized steel 202026	Galvanized steel 2020
	Cast iron 203031	

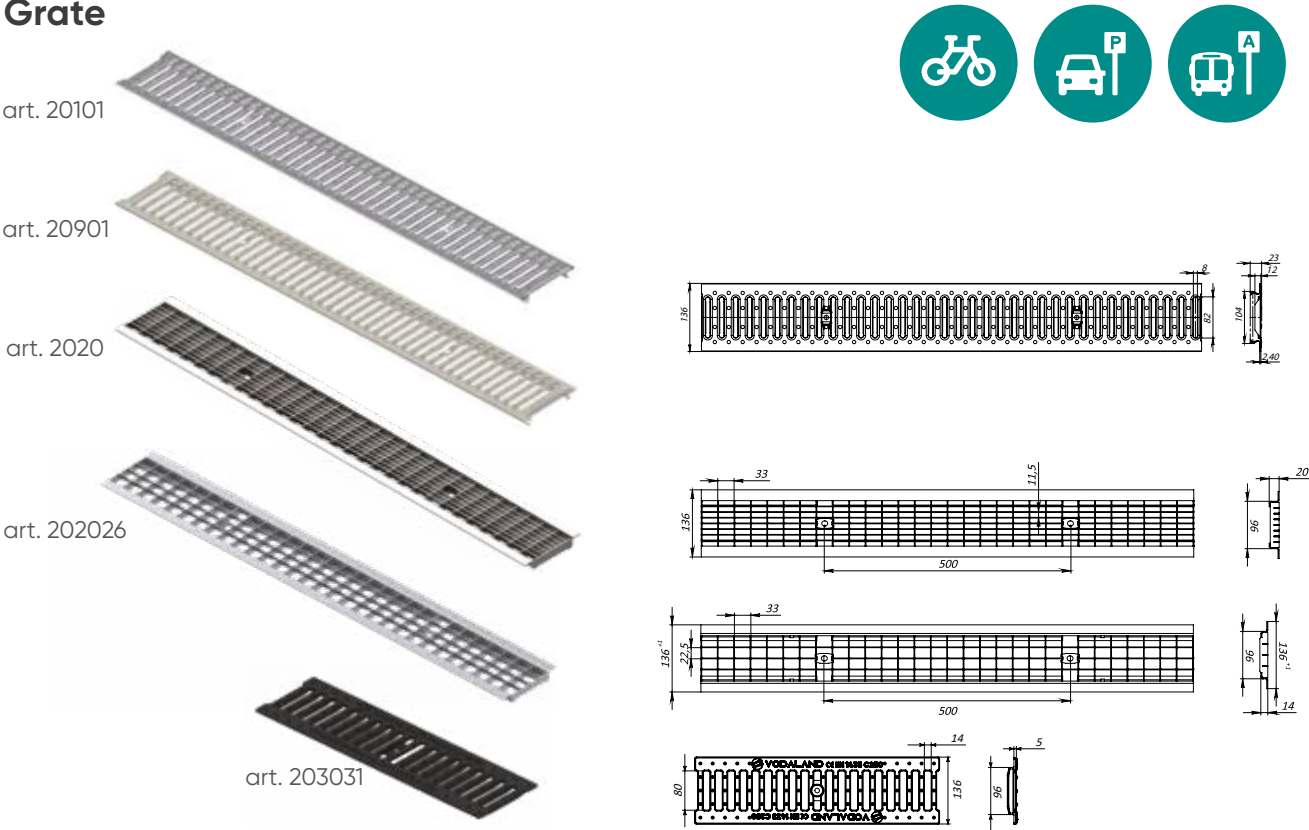
Accesorii seria Base LN 100				
Article	Channel	End Cap	Catch Basin	Fastener
4000				

Base LN 100

Neutral channels



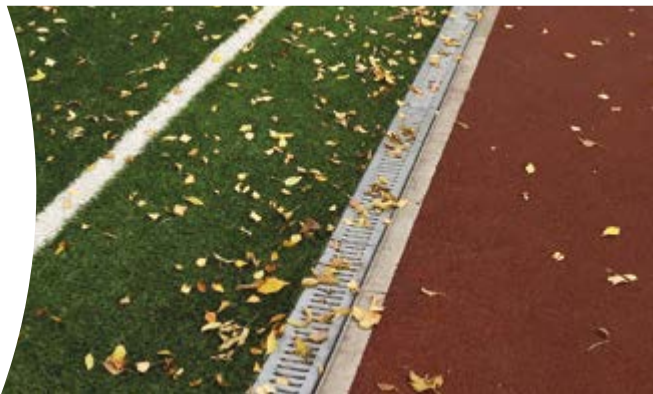
Grate





BASE DN100 FIBER CONCRETE CHANNEL WITH GALVANIZED STEEL GRATE A15

Article	Name	Length, mm	Outer width, mm	Înălțime exterioară	Weight, kg
0400020101	Base DN100 fiber concrete channel Hext.130 with galvanized steel grate A15 (0400020101)	1000	140	125	24.30
040000920101	Base DN100 fiber concrete channel Hext.130 with galvanized steel grate A15 cu vertical outlet (040000920101)	1000	140	125	23.60



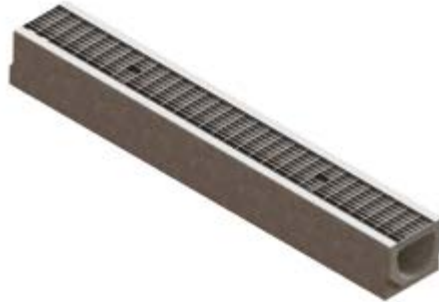
BASE DN100 FIBER CONCRETE CHANNEL WITH STAINLESS STEEL GRATE

Article	Name	Length, mm	Outer width, mm	Înălțime exterioară	Weight, kg
0400020901	Kit rigola FB BASE LN100 Hext.130 with stainless steel grate A15 1000x140x130 (0400020901)	1000	140	125	24.8
04000920901	Kit rigola FB BASE LN100 Hext.130 with stainless steel grate A15 1000x140x130 and vertical outlet (0400020901)	1000	140	125	24.5



BASE DN100 FIBER CONCRETE CHANNEL WITH GALVANIZED STEEL GRATE B125

Article	Name	Length, mm	Outer width, mm	Înălțime exterioară	Weight, kg
04000202026	Base DN100 fiber concrete channel Hext.130 with galvanized steel grate B125 (04000202026)	1000	140	125	25.00
0400009202026	Base DN100 fiber concrete channel Hext.130 with galvanized steel grate B125 and vertical outlet (0400009202026)	1000	140	125	24.20



BASE DN100 FIBER CONCRETE CHANNEL WITH GALVANIZED STEEL GRATE (OZ) HEELSAFE B125

Article	Name	Length, mm	Outer width, mm	Înălțime exterioară	Weight, kg
040002020	Base DN100 fiber concrete channel Hext.130 with galvanized steel grate HeelSafe B125 (040002020)	1000	140	125	25.4
04000092020	Base DN100 fiber concrete channel Hext.130 with galvanized steel grate HeelSafe B125 and vertical outlet (04000092020)	1000	140	125	24.7



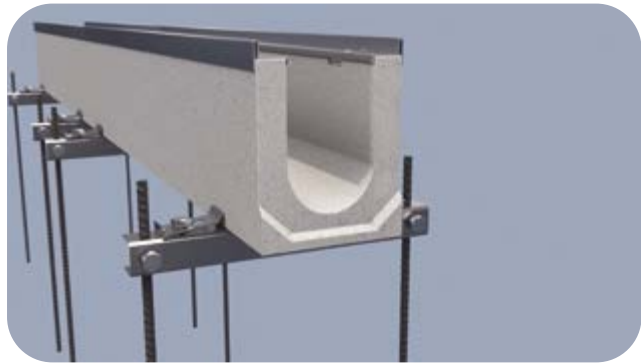
BASE DN100 FIBER CONCRETE CHANNEL WITH CAST IRON GRATE C250

Article	Name	Length, mm	Outer width, mm	Înălțime exterioară	Weight, kg
04000203031	Base DN100 fiber concrete channel Hext.130 with Cast Iron grate C250 (04000203031)	1000	140	125	27.90
0400009203031	Base DN100 fiber concrete channel Hext.130 with Cast Iron grate C250 and vertical outlet (0400009203031)	1000	140	125	27.10
04000203032	Base DN100 fiber concrete channel Hext.130 with Cast Iron protector grate C250 1000x140x130 (04000203032)	1000	140	125	25.6

SEALANT

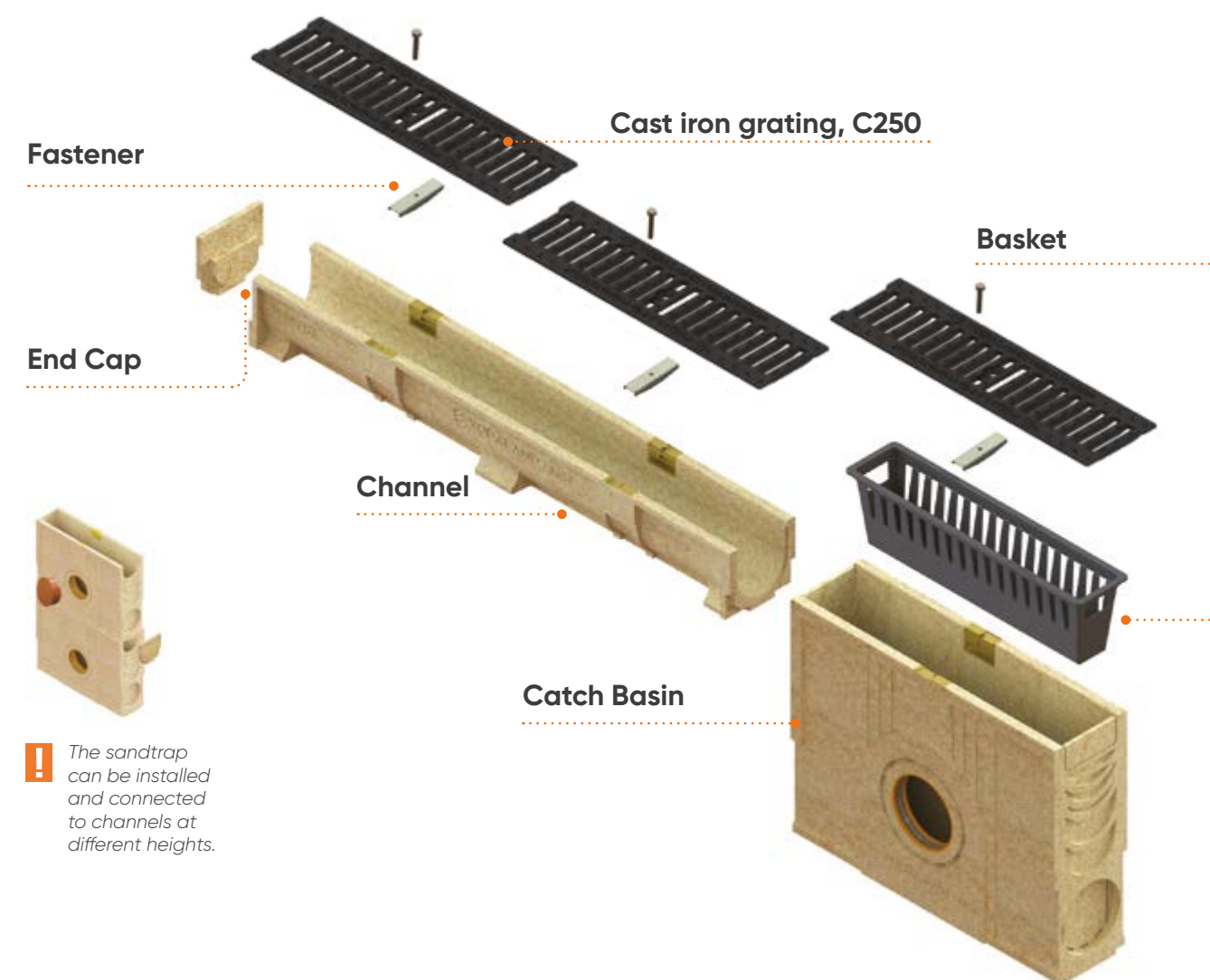
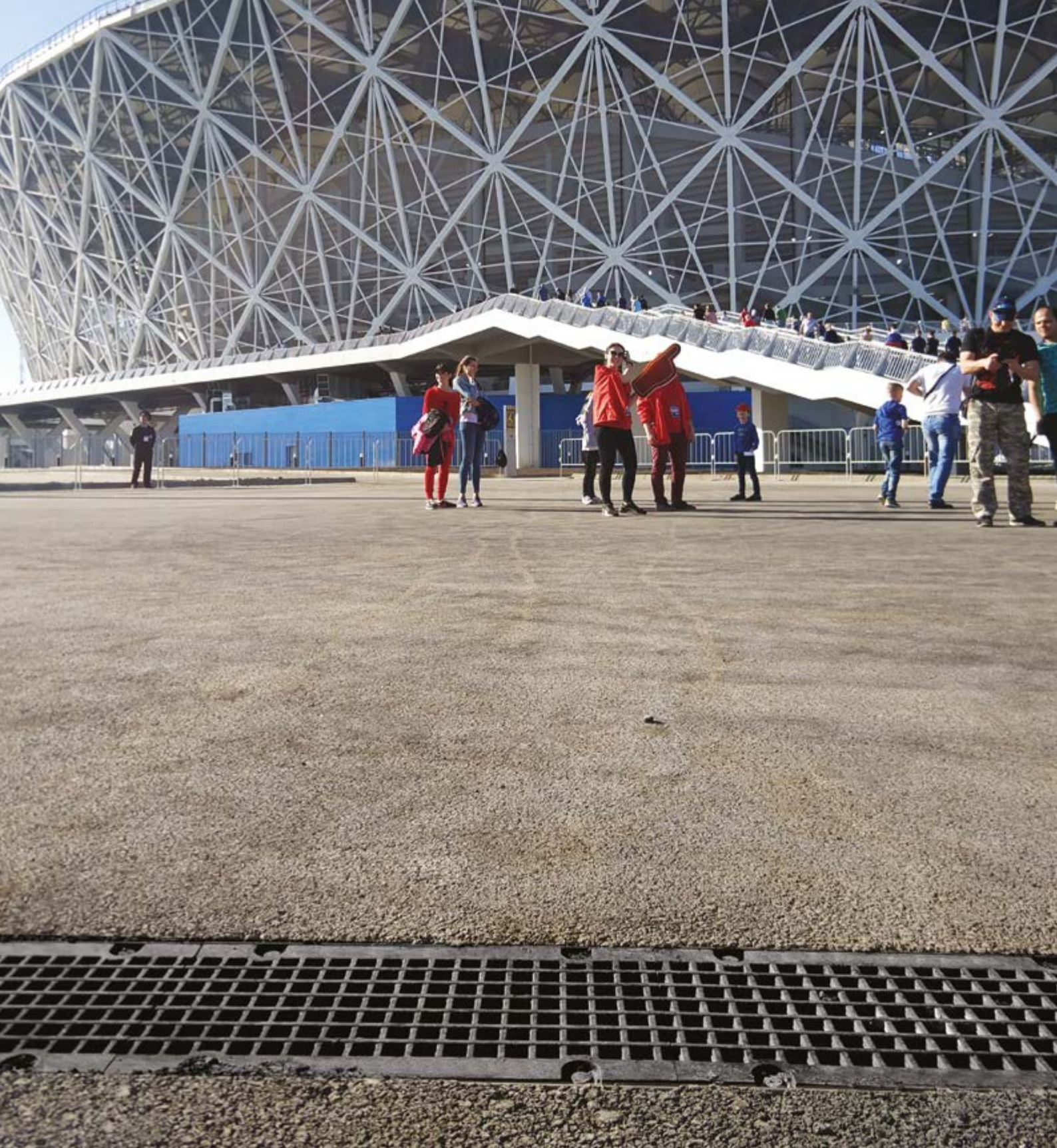


INSTALLATION BRACKETS



Polymer-concrete

Polymer concrete channels have increased durability over time and can be installed with grates made of galvanized steel or cast iron. These can be installed in areas suitable for the load class, whether pedestrian zones, public or residential spaces, parking lots, or near sidewalk curbs, in non-traffic areas.

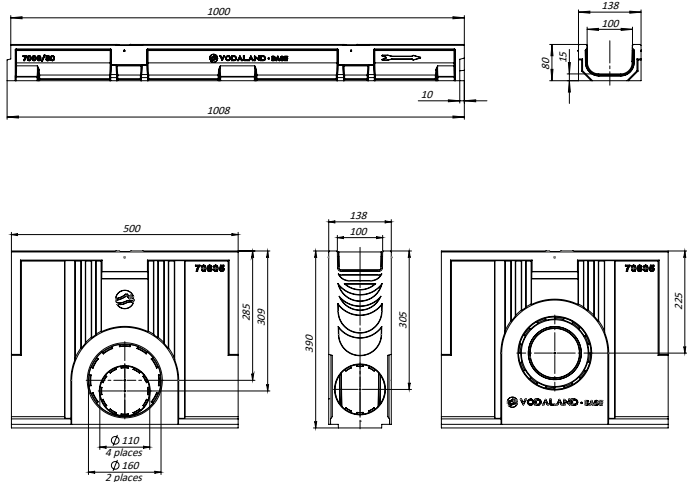


! The sandtrap can be installed and connected to channels at different heights.

POLYMER-CONCRETE CHANNELS

Base LN 100

Neutral channels



CASCADED SLOPE



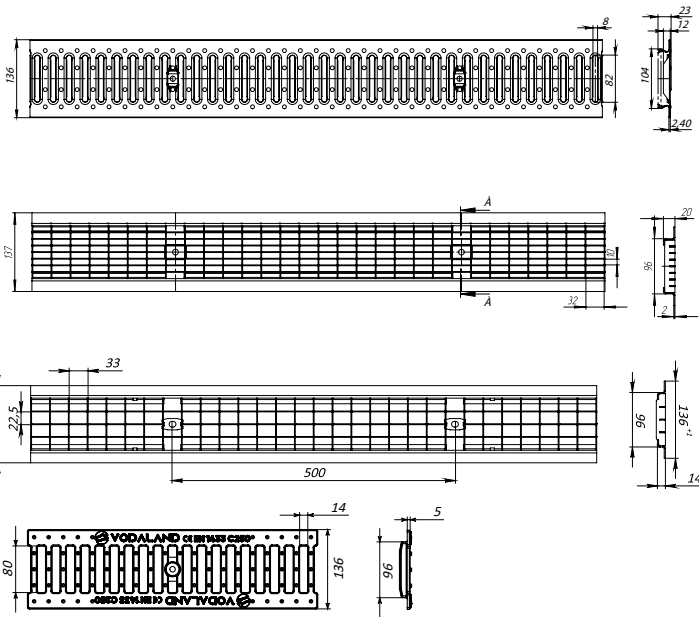
Grate

art. 20101

art. 2020

art. 202026

art. 203031



Accessories BASE LN100				
Article	Channel	End Cap	Catch Basin	Fastener
7040	H80	6701-4	7080	6100
7030	H100	6701-3		6800
7000	H125	6701		
7050	H180	6701-5		
7060	H250	6701-6		

Load class	Grate
	Galvanized steel art. 20101
	Galvanized steel art. 2020
	Cast Iron art. 203031



GALVANIZED STEEL REINFORCED EDGES



*All channels in this range can be equipped, upon request, with galvanized steel reinforcement edges.



BASE DN100 POLYMER CONCRETE CHANNEL WITH GALVANIZED STEEL GRATE (OZ) A15

Article	Name	Length, mm	Outer width, mm	Inner height, mm	Weight, kg
0701120101	BASE DN100 channel Hext.60 with galvanized steel grate A15	1000	140	60	7.90
070110920101	BASE DN100 channel Hext.60 with galvanized steel grate A15 and vertical outlet DN110	1000	140	60	8.50
0704020101	BASE DN100 channel Hext.82 with galvanized steel grate A15	1000	140	80	9.30
070400920101	BASE DN100 channel Hext.82 with galvanized steel grate A15 and vertical outlet DN110	1000	140	80	9.00
0703120101	BASE DN100 channel Hext.100 with galvanized steel grate A15	1000	140	100	9.70
070310920101	BASE DN100 channel Hext.100 with galvanized steel grate A15 and vertical outlet DN110	1000	140	100	9.60
0700020101	BASE DN100 channel Hext.127 with galvanized steel grate A15	1000	140	125	12.10
0070000920101	BASE DN100 channel Hext.127 with galvanized steel grate A15 and vertical outlet DN110	1000	140	125	12.00
0705020101	BASE DN100 channel Hext.182 with galvanized steel grate A15	1000	140	180	16.20
070500920101	BASE DN100 channel Hext.182 with galvanized steel grate A15 and vertical outlet DN110	1000	140	180	15.80
0706020101	BASE DN100 channel Hext.252 with galvanized steel grate A15	1000	140	250	20.40
070600920101	BASE DN100 channel Hext.252 with galvanized steel grate A15 and vertical outlet DN110	1000	140	250	19.80



BASE DN100 POLYMER CONCRETE CHANNEL WITH GALVANIZED STEEL GRATE B125

Article	Name	Length, mm	Outer width, mm	Inner height, mm	Weight, kg
07011202026	BASE DN100 channel Hext.60 with galvanized steel grate B125	1000	140	60	8.50
0701109202026	BASE DN100 channel Hext.60 with galvanized steel grate B125 and vertical outlet D.110	1000	140	60	9.10
07040202026	BASE DN100 channel Hext.82 with galvanized steel grate B125	1000	140	80	10.00
0704009202026	BASE DN100 channel Hext.82 with galvanized steel grate B125 and vertical outlet D.110	1000	140	80	9.60
07031202026	BASE DN100 channel Hext.100 with galvanized steel grate B125	1000	140	100	10.40
0703109202026	BASE DN100 channel Hext.100 with galvanized steel grate B125 and vertical outlet D.110	1000	140	100	10.30
07000202026	BASE DN100 channel Hext.127 with galvanized steel grate clasa B125	1000	140	125	12.80
0700009202026	BASE DN100 channel Hext.127 with galvanized steel grate B125 and vertical outlet D.110	1000	140	125	12.60
07050202026	BASE DN100 channel Hext.182 with galvanized steel grate B125	1000	140	180	16.90
0705009202026	BASE DN100 channel Hext.182 with galvanized steel grate B125 and vertical outlet D.110	1000	140	180	16.40
07060202026	BASE DN100 channel Hext.252 with galvanized steel grate B125	1000	140	250	21.00
0706009202026	BASE DN100 channel Hext.252 with galvanized steel grate B125 and vertical outlet D.110	1000	140	250	22.50



BASE DN100 POLYMER CONCRETE CHANNEL WITH WITH CAST IRON GRATE C250

Article	Name	Length, mm	Outer width, mm	Inner height, mm	Weight, kg
07011203031	BASE DN100 channel Hext.65 with cast iron grate C250	1000	140	60	11.40
0701109203031	BASE DN100 channel Hext.65 with cast iron grate C250 with vertical outlet DN110	1000	140	60	12.00
07040203031	BASE DN100 channel Hext.85 with cast iron grate C250	1000	140	80	12.80
0704009203031	BASE DN100 channel Hext.85 with cast iron grate C250 with vertical outlet DN110	1000	140	80	12.50
07031203031	BASE DN100 channel Hext.107 with cast iron grate C250	1000	140	100	13.20
0703109203031	BASE DN100 channel Hext.107 with cast iron grate C250 with vertical outlet DN110	1000	140	100	13.10
07000203031	BASE DN100 channel Hext.130 with Cast Iron grate C250	1000	140	125	15.60
0700009203031	BASE DN100 channel Hext.130 with Cast Iron grate C250 with vertical outlet DN110	1000	140	125	15.50
07050203031	BASE DN100 channel Hext.185 with cast iron grate C250	1000	140	180	19.70
0705009203031	BASE DN100 channel Hext.185 with cast iron grate C250 with vertical outlet DN110	1000	140	180	19.30
07060203031	BASE DN100 channel Hext.255 with cast iron grate C250	1000	140	250	23.90
0706009203031	BASE DN100 channel Hext.255 with cast iron grate C250 with vertical outlet DN110	1000	140	250	23.30

SEALANT



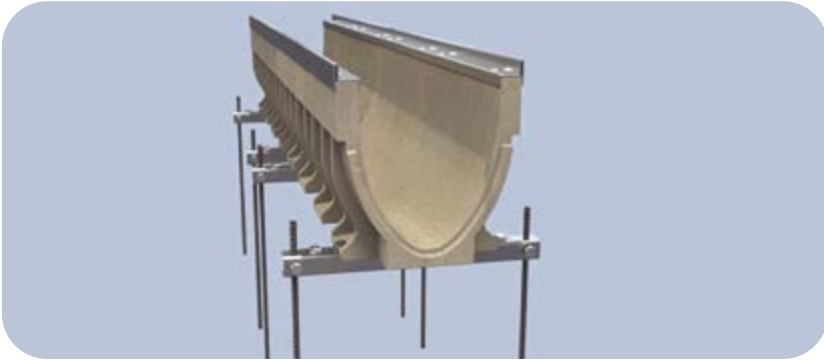
For efficient installation, we recommend using the G12M29C sealant. It is used to seal channels, pipes, and drainage systems (interior or exterior), for bonding connections or joints.

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

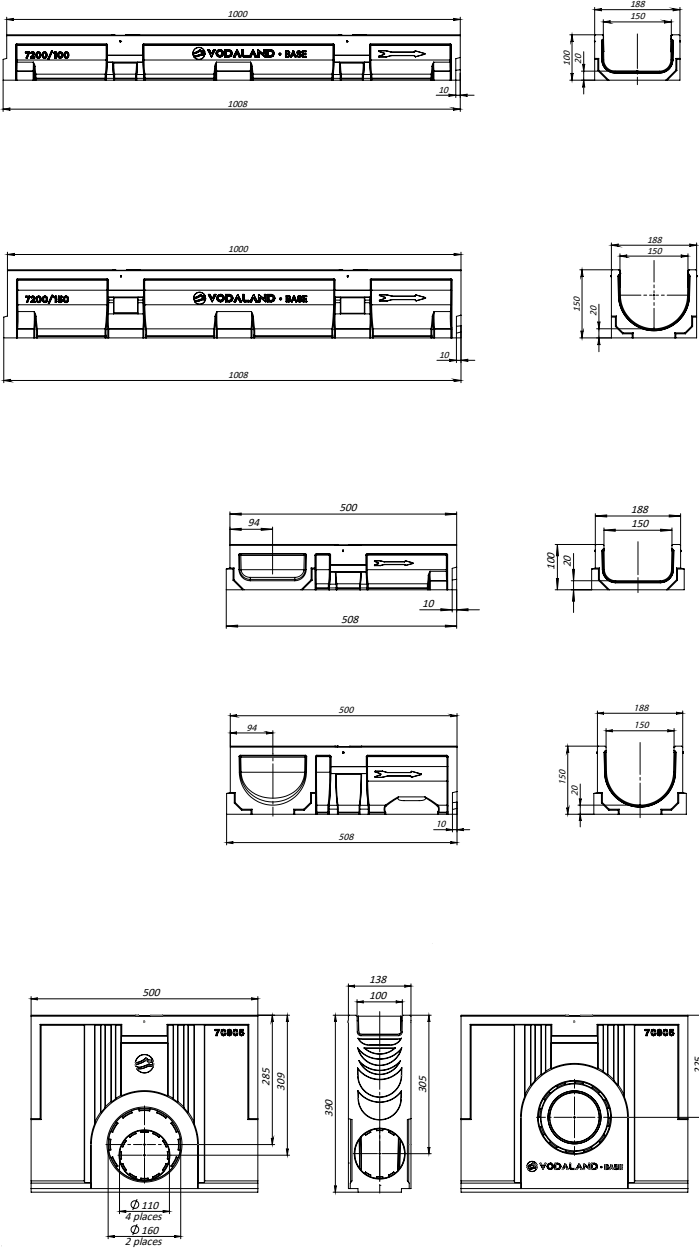
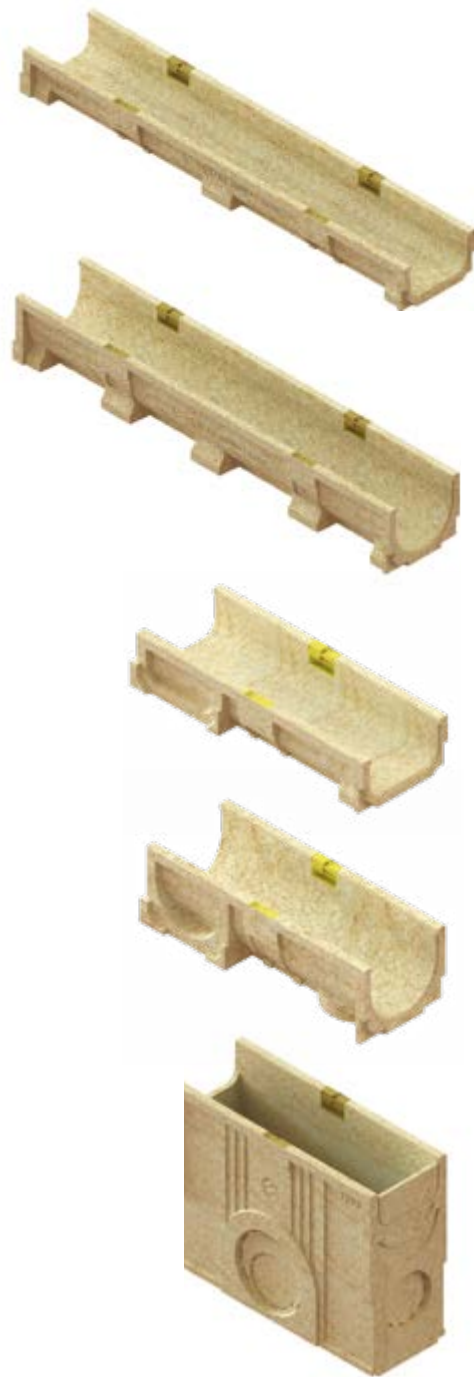
INSTALLATION BRACKETS



Article	For polymer concrete channels
61041-b	Installation Brackets



Base LN 150



CASCADED SLOPE



Available options



All channels can be equipped with steel edge rails.

Available options



All channels can be equipped with steel edge rails.



Channels can be produced with vertical outlet



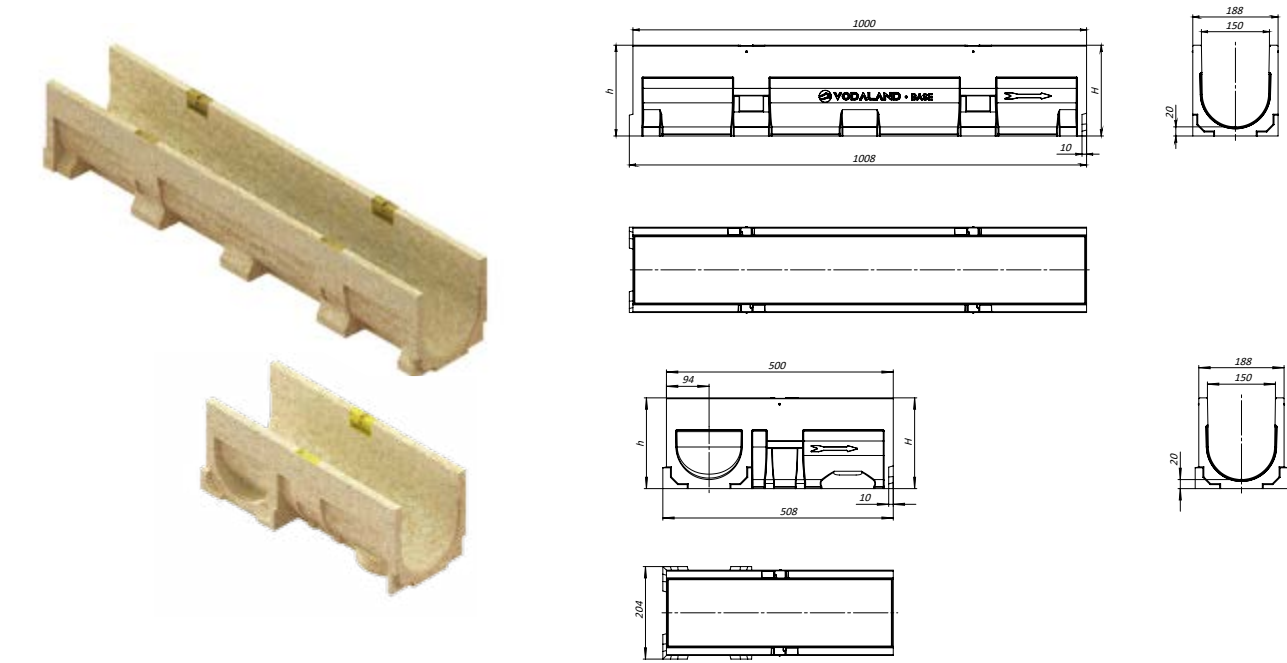
T & L Corner connections

BASE LN 150 NEUTRAL

	Article	Name	Length, mm	Outer width, mm	Height, mm
1	7200/200	Base DN150 polymer concrete channel A15-C250	1000	188	200
2	7200/195	Base DN150 polymer concrete channel A15-C250	1000	188	195
3	7200/190	Base DN150 polymer concrete channel A15-C250	1000	188	190
4	7200/185	Base DN150 polymer concrete channel A15-C250	1000	188	185
5	7200/180	Base DN150 polymer concrete channel A15-C250	1000	188	180
6	7200/175	Base DN150 polymer concrete channel A15-C250	1000	188	175
7	7200/170	Base DN150 polymer concrete channel A15-C250	1000	188	170
8	7200/165	Base DN150 polymer concrete channel A15-C250	1000	188	165
9	7200/160	Base DN150 polymer concrete channel A15-C250	1000	188	160
10	7200/155	Base DN150 polymer concrete channel A15-C250	1000	188	155
11	7200/150	Base DN150 polymer concrete channel A15-C250	1000	188	150
12	7200/100	Base DN150 polymer concrete channel A15-C250	1000	188	100

0.5M CHANNELS, FOR TYPE T AND L CONNECTIONS

	Article	Name	Length, mm	Outer width, mm	Height, mm
1	7200.05/200	Base DN150 polymer concrete channel A15-C250	500	188	200
2	7200.05/195	Base DN150 polymer concrete channel A15-C250	500	188	195
3	7200.05/190	Base DN150 polymer concrete channel A15-C250	500	188	190
4	7200.05/185	Base DN150 polymer concrete channel A15-C250	500	188	185
5	7200.05/180	Base DN150 polymer concrete channel A15-C250	500	188	180
6	7200.05/175	Base DN150 polymer concrete channel A15-C250	500	188	175
7	7200.05/170	Base DN150 polymer concrete channel A15-C250	500	188	170
8	7200.05/165	Base DN150 polymer concrete channel A15-C250	500	188	165
9	7200.05/160	Base DN150 polymer concrete channel A15-C250	500	188	160
10	7200.05/155	Base DN150 polymer concrete channel A15-C250	500	188	155
11	7200.05/150	Base DN150 polymer concrete channel A15-C250	500	188	150
12	7200.05/100	Base DN150 polymer concrete channel A15-C250	500	188	100
1	7280	Sand trap LN100 A15-C250	500	188	390



Available options



All channels can be equipped with steel edge rails.

Available options



All channels can be equipped with steel edge rails.



Channels can be produced with vertical outlet



T & L Corner connections

BASE LN150 CHANNELS WITH INTERNAL SLOPE OF 0.5%

Article	Name	H1, mm	H2, mm
1	7200/200-195 Base DN150 polymer concrete channel with internal slope A15-C250	200	195
2	7200/195-190 Base DN150 polymer concrete channel with internal slope A15-C250	195	190
3	7200/190-185 Base DN150 polymer concrete channel with internal slope A15-C250	190	185
4	7200/185-180 Base DN150 polymer concrete channel with internal slope A15-C250	185	180
5	7200/180-175 Base DN150 polymer concrete channel with internal slope A15-C250	180	175
6	7200/175-170 Base DN150 polymer concrete channel with internal slope A15-C250	175	170
7	7200/170-165 Base DN150 polymer concrete channel with internal slope A15-C250	170	165
8	7200/165-160 Base DN150 polymer concrete channel with internal slope A15-C250	165	160
9	7200/160-155 Base DN150 polymer concrete channel with internal slope A15-C250	160	155
10	7200/155-150 Base DN150 polymer concrete channel with internal slope A15-C250	155	150

0.5M BASE CHANNELS FOR TYPE T AND L CONNECTIONS, SLOPED

Article	Name	H1, mm	H2, mm
1	7200.05/200-195 Base DN150 polymer concrete channel with internal slope A15-C250	200	195
2	7200.05/195-190 Base DN150 polymer concrete channel with internal slope A15-C250	195	190
3	7200.05/190-185 Base DN150 polymer concrete channel with internal slope A15-C250	190	185
4	7200.05/185-180 Base DN150 polymer concrete channel with internal slope A15-C250	185	180
5	7200.05/180-175 Base DN150 polymer concrete channel with internal slope A15-C250	180	175
6	7200.05/175-170 Base DN150 polymer concrete channel with internal slope A15-C250	175	170
7	7200.05/170-165 Base DN150 polymer concrete channel with internal slope A15-C250	170	165
8	7200.05/165-160 Base DN150 polymer concrete channel with internal slope A15-C250	165	160
9	7200.05/160-155 Base DN150 polymer concrete channel with internal slope A15-C250	160	155
10	7200.05/155-150 Base DN150 polymer concrete channel with internal slope A15-C250	155	150



END CAP

Article	Name	For Channel Height, mm
1	6721-B/100 Polymer concrete end cap for LN150 channel	100
2	6721-B/200 Polymer concrete end cap for LN150 channel	200



END CAP / ADAPTER

Article	Name
1	6724-B/100-150 Polymer concrete BASE adapter for LN150 channel H100-150
2	6724-B/150-200 Polymer concrete BASE adapter for LN150 channel H150-200



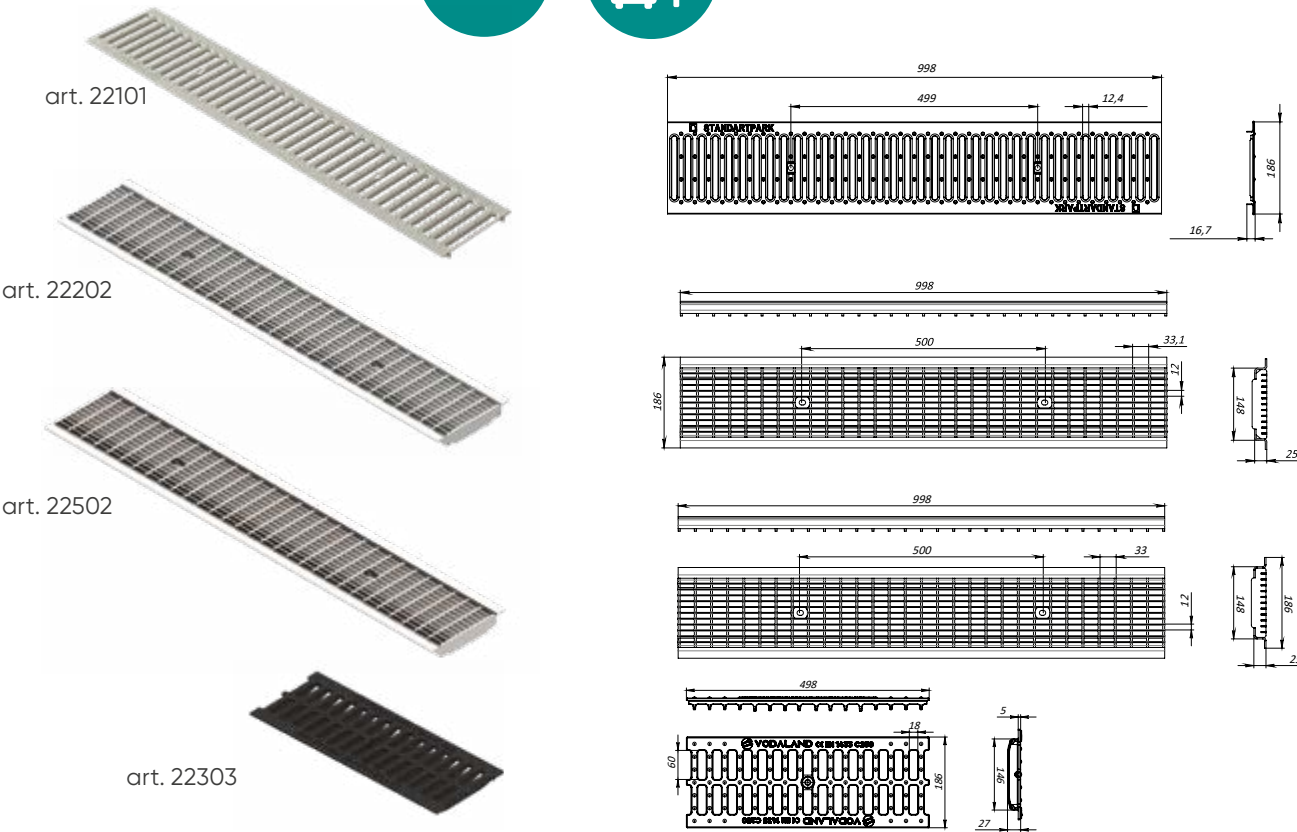
END CAPS WITH OUTLETS

Article	Name	For Channel Height, mm
1	6721-09B/100 Polymer concrete end cap with outlet for LN150 channel	100
2	6721-09B/200 Polymer concrete end cap with outlet for LN150 channel	200



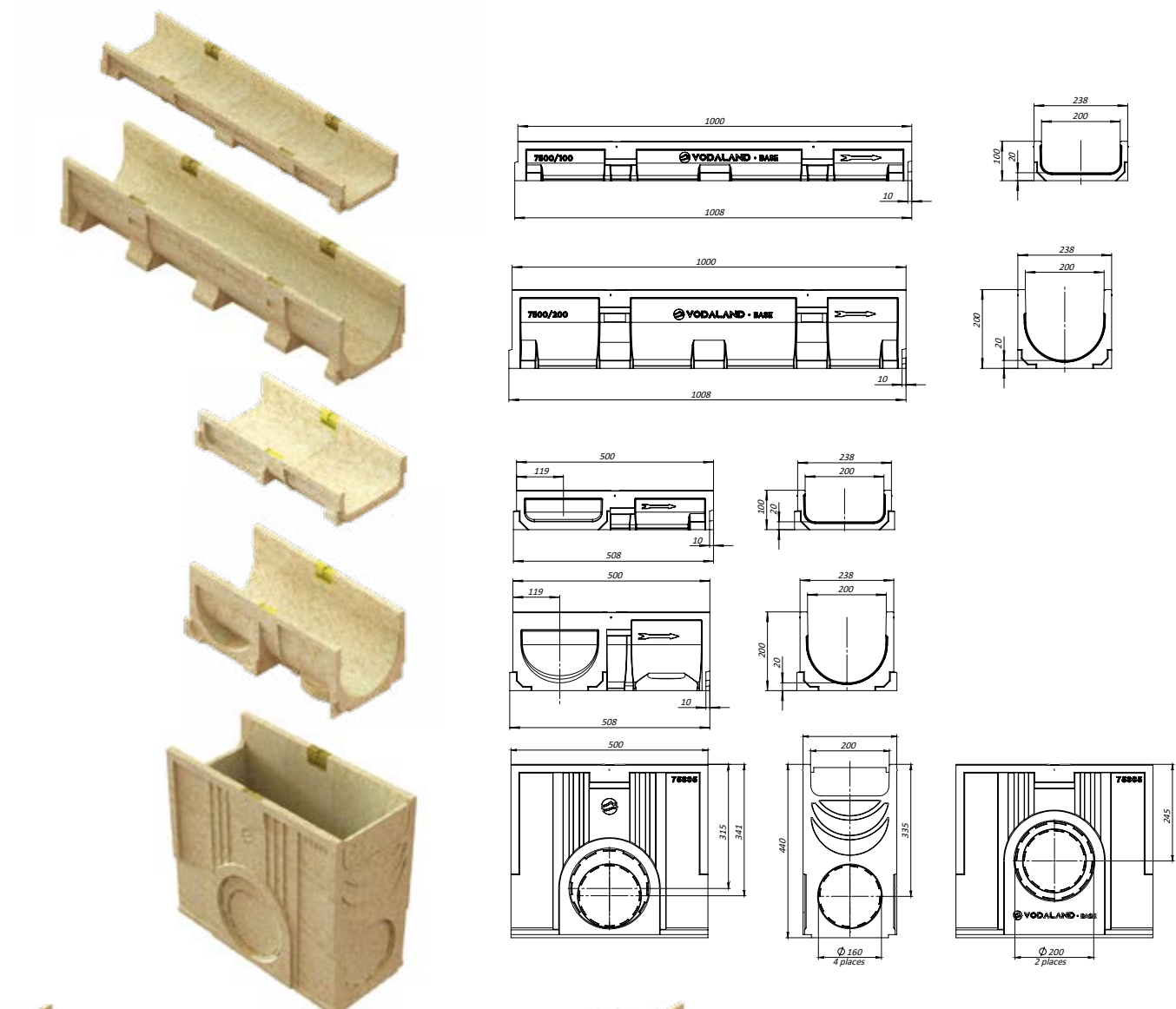
Galvanized steel accessories available upon request

Grates



Article	Name	Load class	Length, mm	Width, mm	Height, mm	Weight, kg	Pcs/ pallet
22101	Galvanized steel BASE Grating for LN150 Channels	A15	998	186	16.7	2.9	200
22202	Galvanized steel BASE Heel Protection Grating for LN150 Channels	B125	998	186	30	8.13	200
22502	Stainless steel BASE Heel Protection Grating for LN150 Channels	B125	998	186	30	8.21	200
22303	Cast iron BASE grating for LN150 Channels	C250	498	184	29.5	4.1	200

Base LN 200



CASCADED SLOPE



Available options



All channels can be equipped with steel edge rails.

Available options



All channels can be equipped with steel edge rails.



Channels can be produced with vertical outlet



T & L Corner connections

END CAP

Article	Name	For Channel Height, mm
1 6751-B/100	Base Polymer concrete end cap for LN200 channels	100
2 6751-B/250	Base Polymer concrete end cap for LN200 channels	200

ADAPTER

Article	Name
1 6754-B/150-100	Polymer concrete adapter for LN200 Channel, H100-150
2 6754-B/200-150	Polymer concrete adapter for LN200 Channel, H150-200

PLĂCI DE CAPĂT CU CONEXIUNE LA ȚEAVĂ

Article	Name	For Channel Height, mm
1 6751-09B/100	Base Polymer concrete end cap with outlet	100
2 6751-09B/150	Base Polymer concrete end cap with outlet	150
3 6751-09B/200	Base Polymer concrete end cap with outlet	200
4 6751-09B/250	Base Polymer concrete end cap with outlet	250



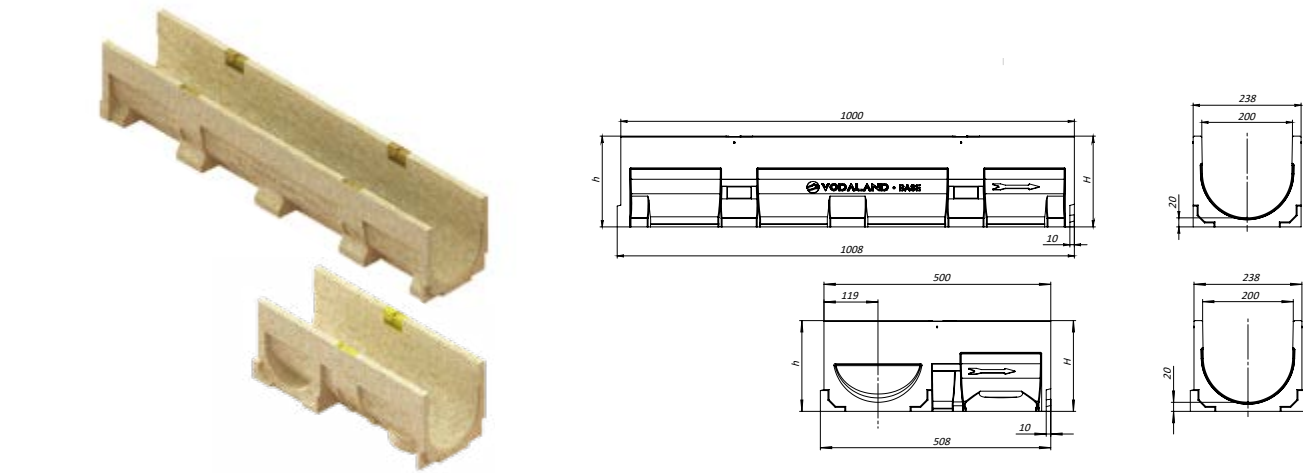
Galvanized steel accessories available on request

BASE LN 200 NEUTRAL

	Article	Name	Length, mm	Outer width, mm	Height, mm
1	7500/250	Base DN200 polymer concrete channel A15-C250	1000	238	250
2	7500/245	Base DN200 polymer concrete channel A15-C250	1000	238	245
3	7500/240	Base DN200 polymer concrete channel A15-C250	1000	238	240
4	7500/235	Base DN200 polymer concrete channel A15-C250	1000	238	235
5	7500/230	Base DN200 polymer concrete channel A15-C250	1000	238	230
6	7500/225	Base DN200 polymer concrete channel A15-C250	1000	238	225
7	7500/220	Base DN200 polymer concrete channel A15-C250	1000	238	220
8	7500/215	Base DN200 polymer concrete channel A15-C250	1000	238	215
9	7500/210	Base DN200 polymer concrete channel A15-C250	1000	238	210
10	7500/205	Base DN200 polymer concrete channel A15-C250	1000	238	205
11	7500/200	Base DN200 polymer concrete channel A15-C250	1000	238	200
12	7500/195	Base DN200 polymer concrete channel A15-C250	1000	238	195
13	7500/190	Base DN200 polymer concrete channel A15-C250	1000	238	190
14	7500/185	Base DN200 polymer concrete channel A15-C250	1000	238	185
15	7500/180	Base DN200 polymer concrete channel A15-C250	1000	238	180
16	7500/175	Base DN200 polymer concrete channel A15-C250	1000	238	175
17	7500/170	Base DN200 polymer concrete channel A15-C250	1000	238	170
18	7500/165	Base DN200 polymer concrete channel A15-C250	1000	238	165
19	7500/160	Base DN200 polymer concrete channel A15-C250	1000	238	160
20	7500/155	Base DN200 polymer concrete channel A15-C250	1000	238	155
21	7500/150	Base DN200 polymer concrete channel A15-C250	1000	238	150
22	7500/100	Base DN200 polymer concrete channel A15-C250	1000	238	100

0.5M CHANNELS, FOR TYPE T AND L CONNECTIONS

	Article	Name	Length, mm	Outer width, mm	Height, mm
1	7500.05/250	Base DN200 polymer concrete channel A15-C250	500	238	250
2	7500.05/245	Base DN200 polymer concrete channel A15-C250	500	238	245
3	7500.05/240	Base DN200 polymer concrete channel A15-C250	500	238	240
4	7500.05/235	Base DN200 polymer concrete channel A15-C250	500	238	235
5	7500.05/230	Base DN200 polymer concrete channel A15-C250	500	238	230
6	7500.05/225	Base DN200 polymer concrete channel A15-C250	500	238	225
7	7500.05/220	Base DN200 polymer concrete channel A15-C250	500	238	220
8	7500.05/215	Base DN200 polymer concrete channel A15-C250	500	238	215
9	7500.05/210	Base DN200 polymer concrete channel A15-C250	500	238	210
10	7500.05/205	Base DN200 polymer concrete channel A15-C250	500	238	205
11	7500.05/200	Base DN200 polymer concrete channel A15-C250	500	238	200
12	7500.05/195	Base DN200 polymer concrete channel A15-C250	500	238	195
13	7500.05/190	Base DN200 polymer concrete channel A15-C250	500	238	190
14	7500.05/185	Base DN200 polymer concrete channel A15-C250	500	238	185
15	7500.05/180	Base DN200 polymer concrete channel A15-C250	500	238	180
16	7500.05/175	Base DN200 polymer concrete channel A15-C250	500	238	175
17	7500.05/170	Base DN200 polymer concrete channel A15-C250	500	238	170
18	7500.05/165	Base DN200 polymer concrete channel A15-C250	500	238	165
19	7500.05/160	Base DN200 polymer concrete channel A15-C250	500	238	160
20	7500.05/155	Base DN200 polymer concrete channel A15-C250	500	238	155
21	7500.05/150	Base DN200 polymer concrete channel A15-C250	500	238	150
22	7500.05/100	Base DN200 polymer concrete channel A15-C250	500	238	100
1	75805	Polymer Concrete Sand trap LN200 A15-C250	500	238	440



Available options



All channels can be equipped with steel edge rails.

Available options



All channels can be equipped with steel edge rails.



Channels can be produced with vertical outlet



T & L Corner connections

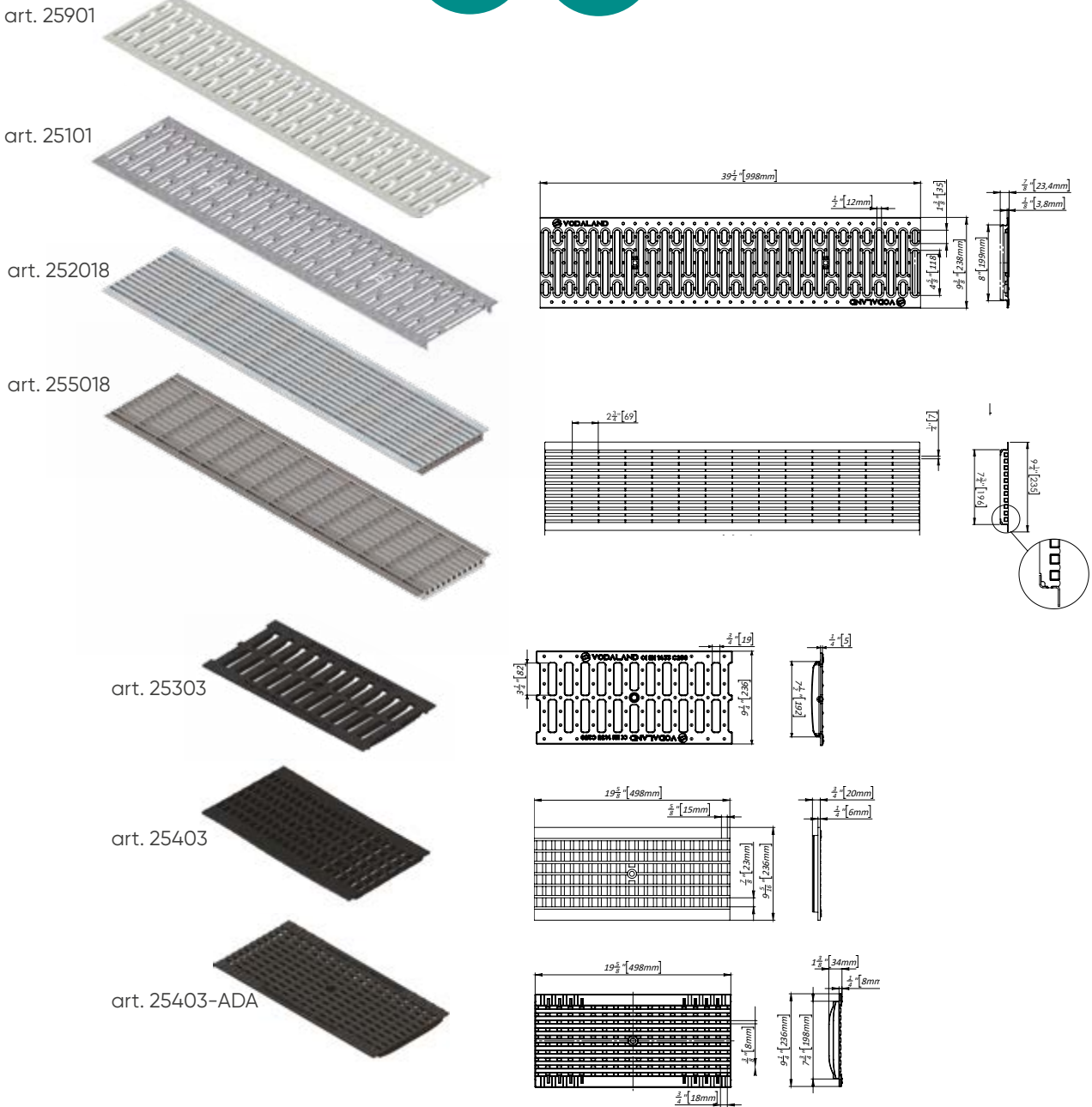
BASE LN 200 WITH 0.5% INTERNAL SLOPE

Article	Name	H1, mm	H2, mm
1 7500/250-245	Base DN200 polymer concrete channel with internal slope A15-C250	250	245
2 7500/245-240	Base DN200 polymer concrete channel with internal slope A15-C250	245	240
3 7500/240-235	Base DN200 polymer concrete channel with internal slope A15-C250	240	235
4 7500/235-230	Base DN200 polymer concrete channel with internal slope A15-C250	235	230
5 7500/230-225	Base DN200 polymer concrete channel with internal slope A15-C250	230	225
6 7500/225-220	Base DN200 polymer concrete channel with internal slope A15-C250	225	220
7 7500/220-215	Base DN200 polymer concrete channel with internal slope A15-C250	220	215
8 7500/215-210	Base DN200 polymer concrete channel with internal slope A15-C250	215	210
9 7500/210-205	Base DN200 polymer concrete channel with internal slope A15-C250	210	205
10 7500/205-200	Base DN200 polymer concrete channel with internal slope A15-C250	205	200
11 7500/200-195	Base DN200 polymer concrete channel with internal slope A15-C250	200	195
12 7500/195-190	Base DN200 polymer concrete channel with internal slope A15-C250	195	190
13 7500/190-185	Base DN200 polymer concrete channel with internal slope A15-C250	190	185
14 7500/185-180	Base DN200 polymer concrete channel with internal slope A15-C250	185	180
15 7500/180-175	Base DN200 polymer concrete channel with internal slope A15-C250	180	175
16 7500/175-170	Base DN200 polymer concrete channel with internal slope A15-C250	175	170
17 7500/170-165	Base DN200 polymer concrete channel with internal slope A15-C250	170	165
18 7500/165-160	Base DN200 polymer concrete channel with internal slope A15-C250	165	160
19 7500/160-155	Base DN200 polymer concrete channel with internal slope A15-C250	160	155
20 7500/155-150	Base DN200 polymer concrete channel with internal slope A15-C250	155	150

0.5M BASE CHANNELS FOR TYPE T AND L CONNECTIONS, SLOPED

Article	Name	H1, mm	H2, mm
1 7500.05/250-245	Base DN200 polymer concrete channel with internal slope A15-C250	250	245
2 7500.05/245-240	Base DN200 polymer concrete channel with internal slope A15-C250	245	240
3 7500.05/240-235	Base DN200 polymer concrete channel with internal slope A15-C250	240	235
4 7500.05/235-230	Base DN200 polymer concrete channel with internal slope A15-C250	235	230
5 7500.05/230-225	Base DN200 polymer concrete channel with internal slope A15-C250	230	225
6 7500.05/225-220	Base DN200 polymer concrete channel with internal slope A15-C250	225	220
7 7500.05/220-215	Base DN200 polymer concrete channel with internal slope A15-C250	220	215
8 7500.05/215-210	Base DN200 polymer concrete channel with internal slope A15-C250	215	210
9 7500.05/210-205	Base DN200 polymer concrete channel with internal slope A15-C250	210	205
10 7500.05/205-200	Base DN200 polymer concrete channel with internal slope A15-C250	205	200
11 7500.05/200-195	Base DN200 polymer concrete channel with internal slope A15-C250	200	195
12 7500.05/195-190	Base DN200 polymer concrete channel with internal slope A15-C250	195	190
13 7500.05/190-185	Base DN200 polymer concrete channel with internal slope A15-C250	190	185
14 7500.05/185-180	Base DN200 polymer concrete channel with internal slope A15-C250	185	180
15 7500.05/180-175	Base DN200 polymer concrete channel with internal slope A15-C250	180	175
16 7500.05/175-170	Base DN200 polymer concrete channel with internal slope A15-C250	175	170
17 7500.05/170-165	Base DN200 polymer concrete channel with internal slope A15-C250	170	165
18 7500.05/165-160	Base DN200 polymer concrete channel with internal slope A15-C250	165	160
19 7500.05/160-155	Base DN200 polymer concrete channel with internal slope A15-C250	160	155
20 7500.05/155-150	Base DN200 polymer concrete channel with internal slope A15-C250	155	150

Grate

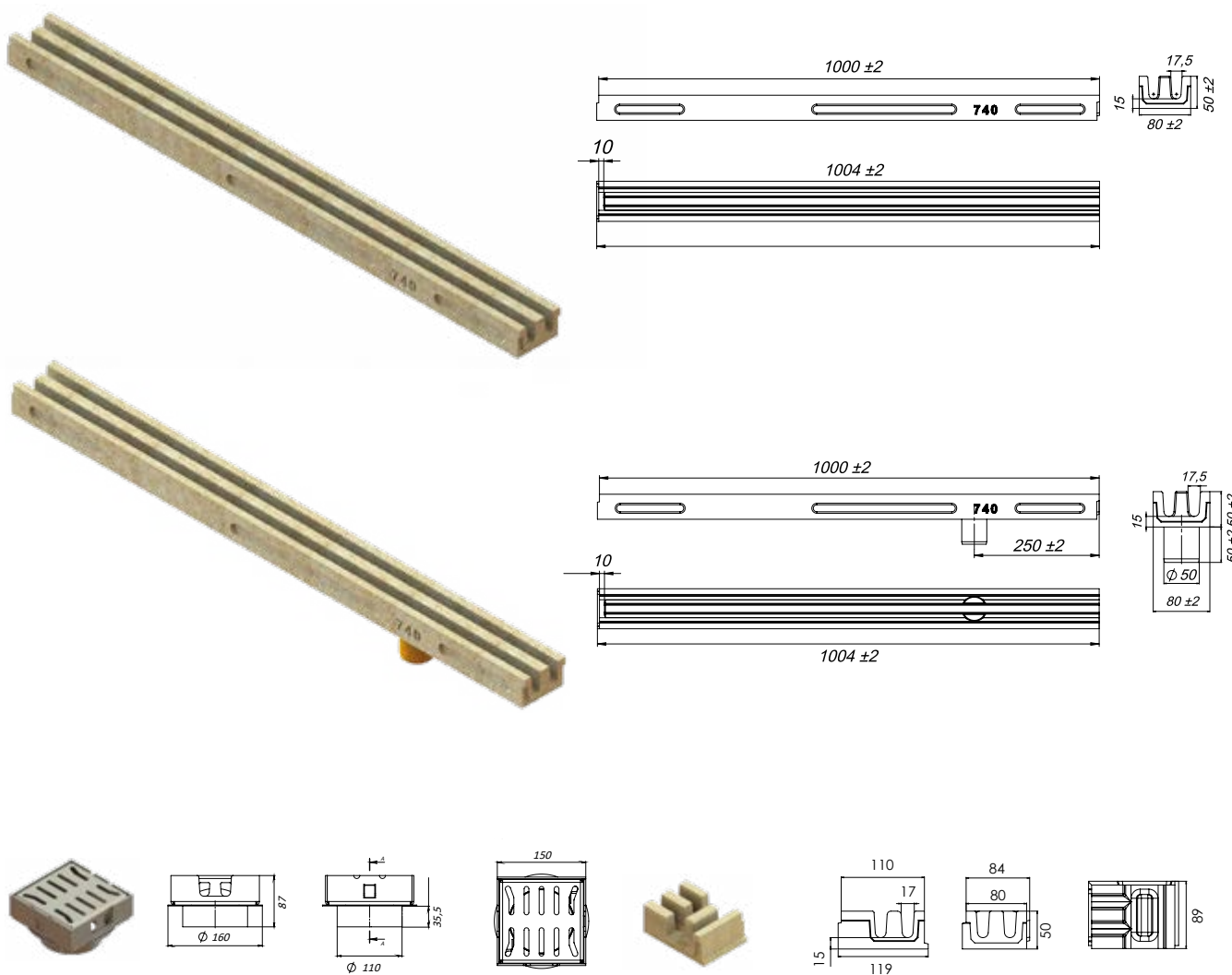
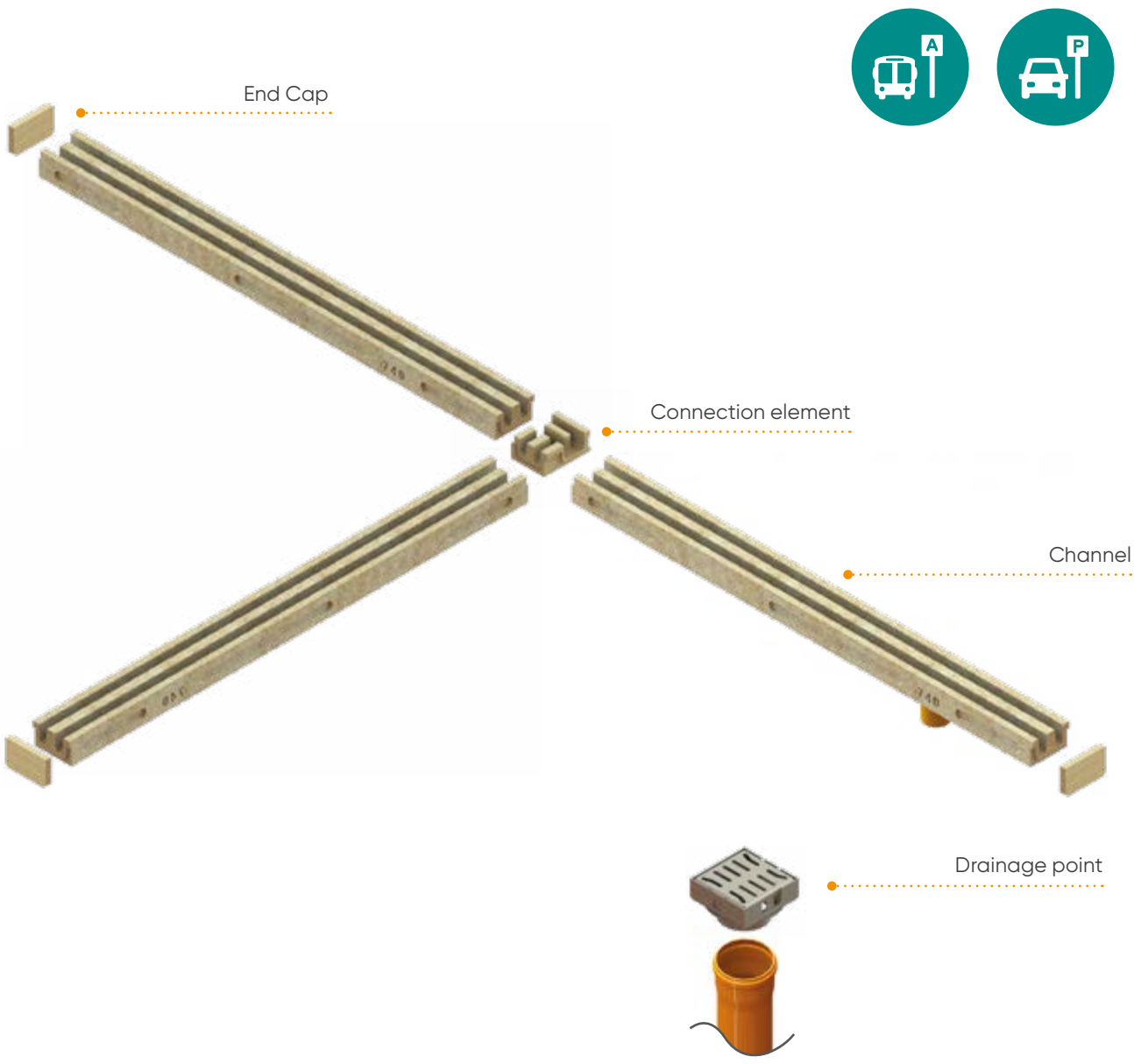


Article	Name	Load class	Length, mm	Width, mm	Height, mm	Weight, kg	Pcs/pallet
25101	Galvanized Steel BASE LN200 grate	A15	998	236	15	3.57	250
25901	Stainless Steel BASE LN200 grate	A15	998	236	15	3.57	250
252018	Galvanized Steel BASE LN200 grate HeelSafe	A15	998	235	21	5.51	250
255018	Stainless Steel BASE LN200 grate HeelSafe	A15	998	235	21	5.51	250
25303	Cast Iron BASE LN200 grate slotted	C250	498	236	24	6.35	200
25403	Cast Iron BASE LN200 grate mesh	C250	498	236	22.5	6.6	187
25403-ADA	Cast Iron BASE LN200 grate	C250	498	236	34	7.2	150

Open Slot Channels for underground parking lots

Open Slot 80mm drainage system

Polymer Concrete open Slot channels, width 80mm



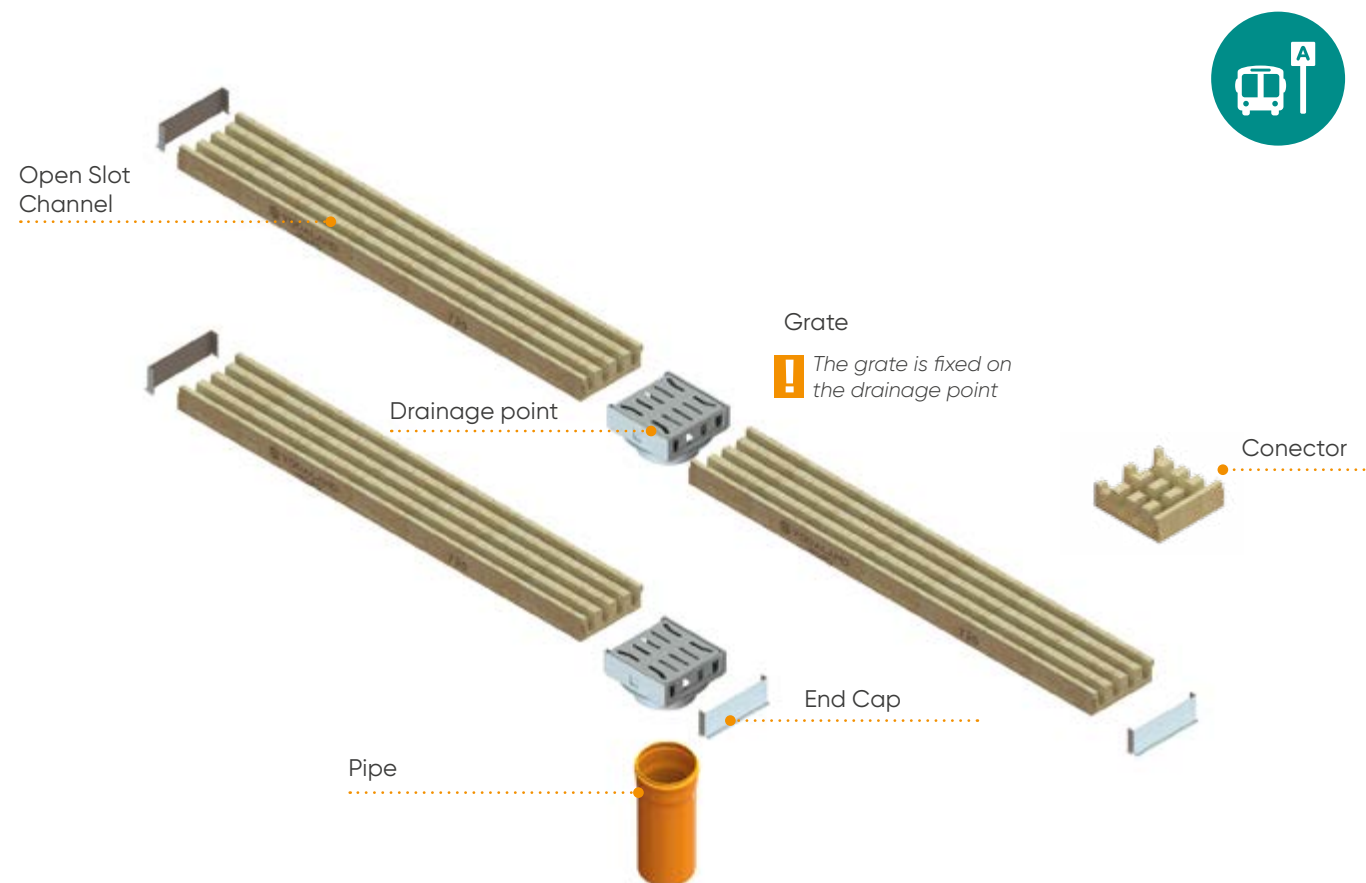
OPEN SLOT CHANNELS LN80

Article	Name	Load class	Length, mm	Width, mm	Height, mm	Weight, kg
740	Polymer concrete OPEN SLOT Channel LN80 1000x80x50 (740)	C250	1000	80	50	6.09
74009	Polymer concrete OPEN SLOT Channel LN80 with vertical outlet DN50 1000x80x50 (74009)	C250	1000	80	50	6.05
6740	Polymer Concrete connection element LN80 Hext. 50 (6740)	C250	110	80	50	0,67
1298010	Galvanized steel Open Slot drainage point LN80 (1298010)	C250	150	150	50	2.08

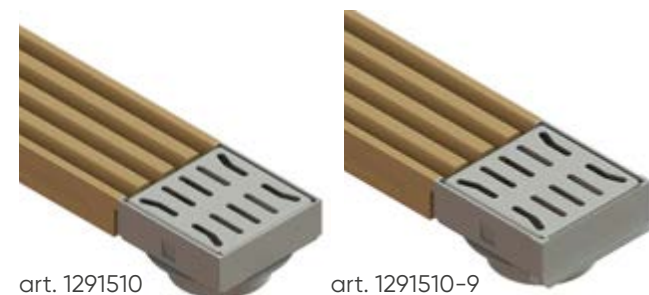
END CAP

Article	Name	Pt rigola
6721-2	Polymer Concrete BASE end cap for Open Slot channels LN80 (6721-2)	H50

Polymer Concrete Open Slot channels, width 150



END DRAINAGE POINT



We can use galvanized steel drainage points both along the trench line at any point and at its ends

GRATE SECURING

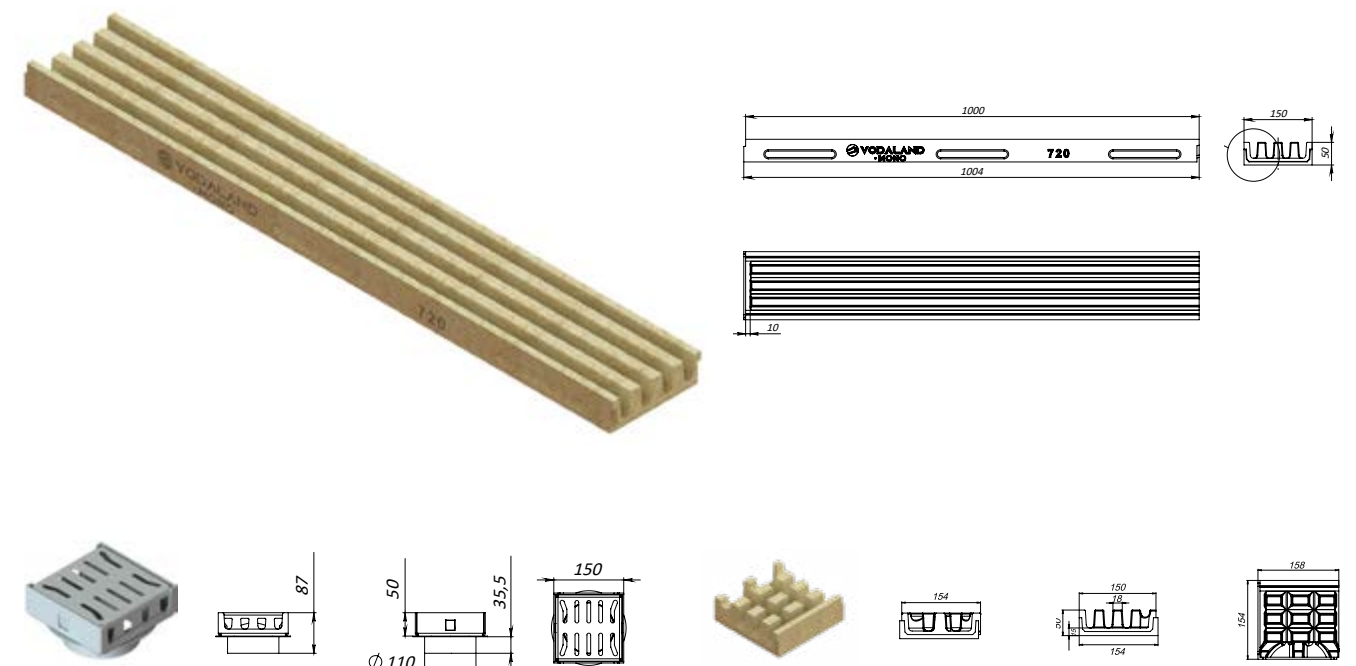


The grates can be additionally secured by fastening with one or two extra screws.

The drainage points are used to connect the trench system to the sewage network by linear or T/L-type connection with the channels



They can also be used as corner or T-type connection elements



OPEN SLOT CHANNELS LN150

Article	Name	Length, mm	Outer width, mm	Inner height, mm	Weight, kg
7203	Polymer Concrete Open Slot Channel LN150 Hext50, C250 for underground parking lots (1000.150.50)	1000	150	50	11.25
6121-1	Galvanized Steel End cap for Open Slot channel LN150 Hext.50	-	150	50	0.1
1291500-G	Galvanized steel drainage point for Open Slot channel PB LN150 Hext.50	-	150	50	1.92
1291510-9	Galvanized steel drainage point for Open Slot channel with vertical outlet ø110 LN150 Hext.50	-	150	87	1.89

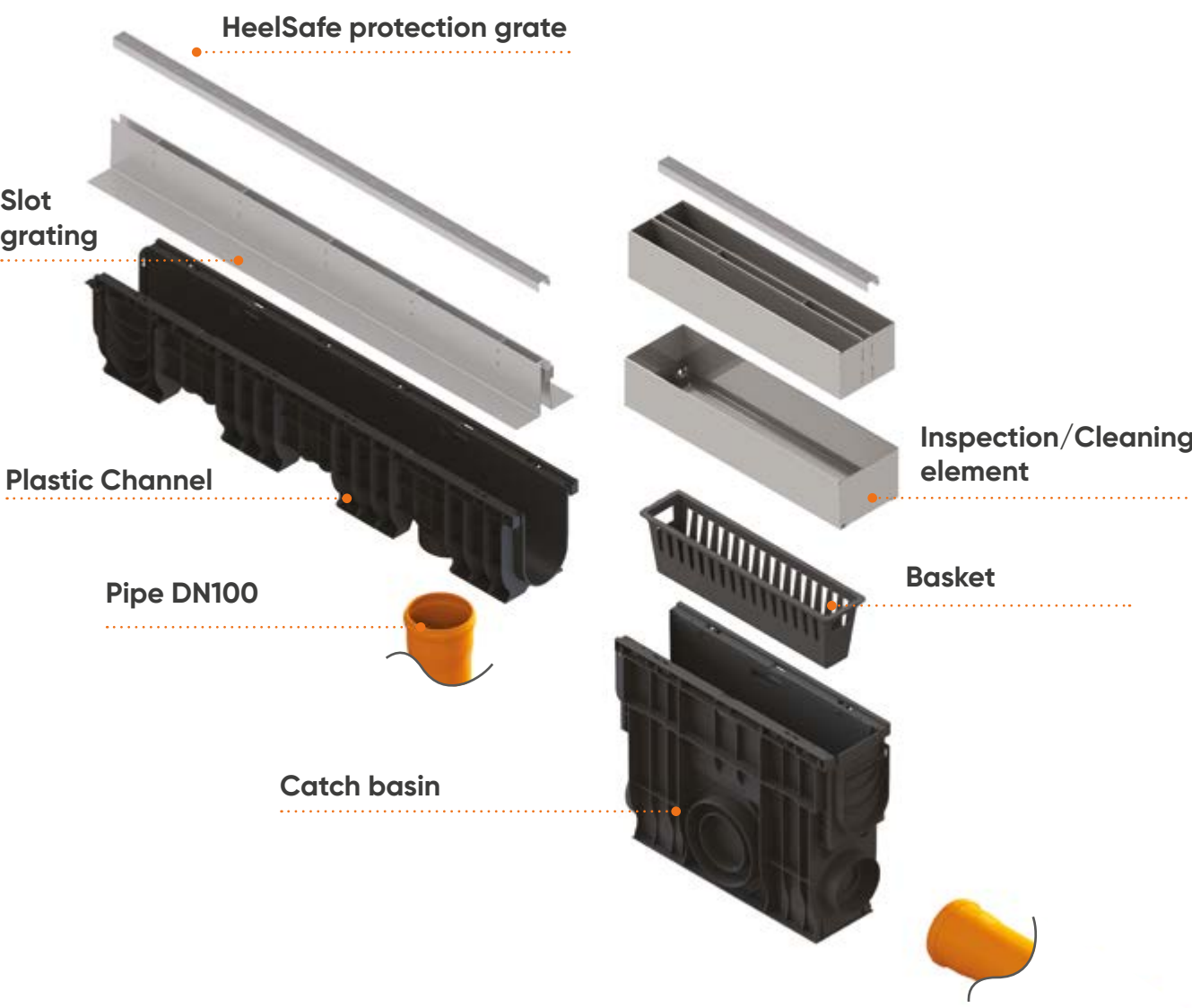




**GALVANIZED STEEL AND STAINLESS
STEEL SLOT GRATINGS**

Slot gratings

This type of slotted grates ensures the drainage of water flows through a narrow opening. This solution provides an elegant finish and can be used for proper water drainage without occupying a large opening space for the grate. With an opening of only 17mm, the slot drainage system is a perfect solution for installation in public areas, with paving or concrete. These products are made from stainless steel and galvanized steel.



Galvanized Steel vs. Stainless Steel - How to Choose the Material You Need?

Galvanized Steel	Vs.	Stainless Steel
Good rust and corrosion prevention at a reasonable price. Effectiveness lessens after 3-5 years.	Pros & Cons	Total rust and corrosion prevention at a higher cost. Never loses effectiveness.
A-Class: Slotted B-Class: Mesh	Grate Types	A-Class: Slotted, ADA/Heel-Proof B-Class: Mesh
Can be installed with LN100, 150 and 200 channels	Dimensiuni de rigole	Can be installed with LN100, 150 and 200 channels
Grain	Finish	Metallic, Mirror

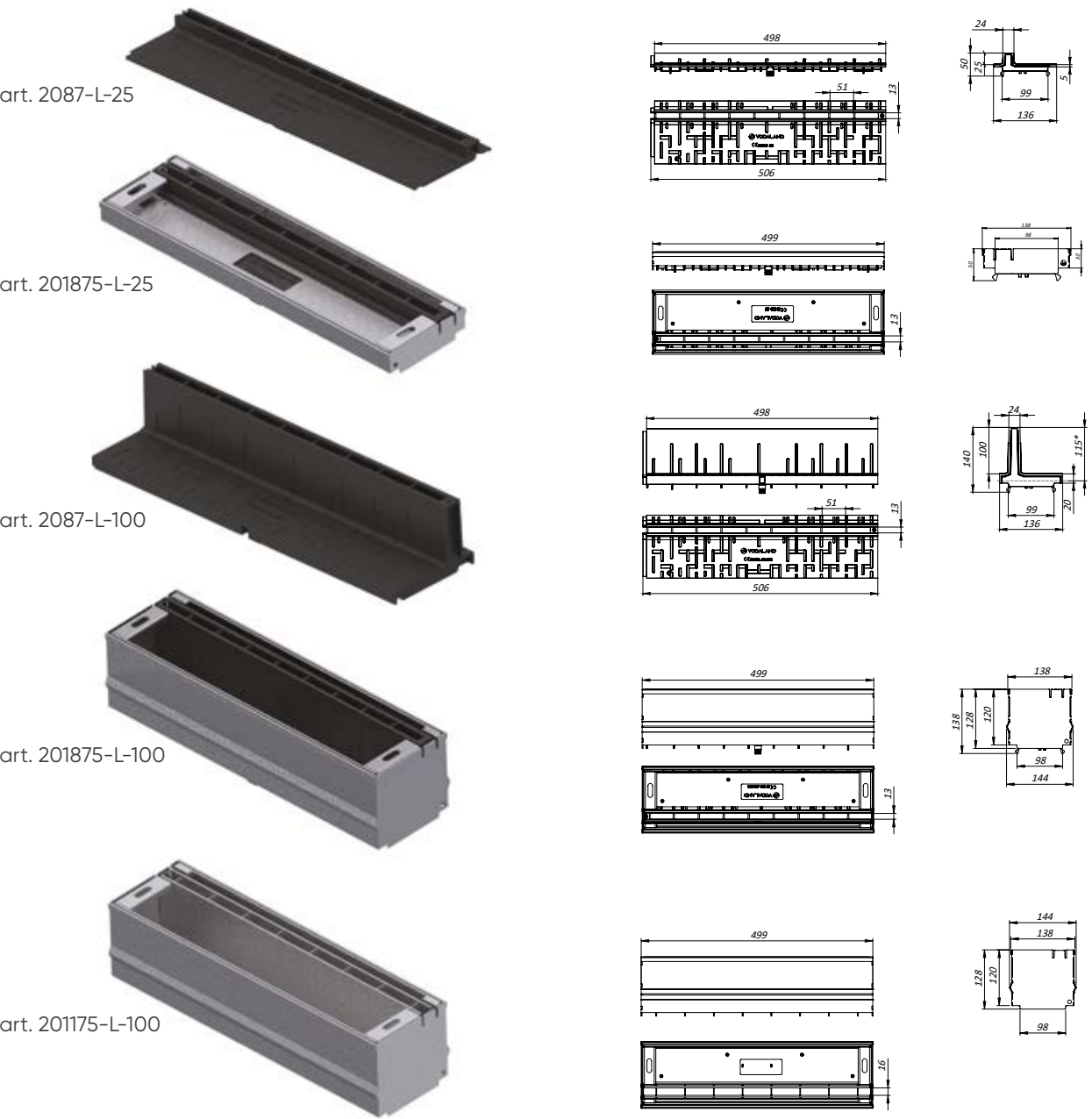
How to install slots with a channel and sand trap?



Slot LN100

Plastic slot drainage system

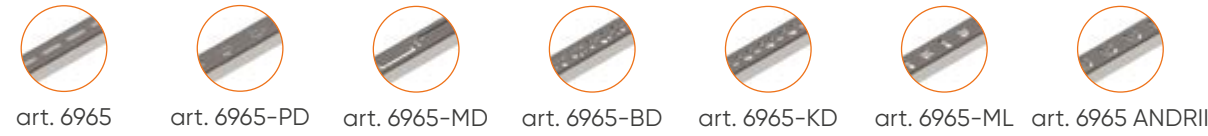
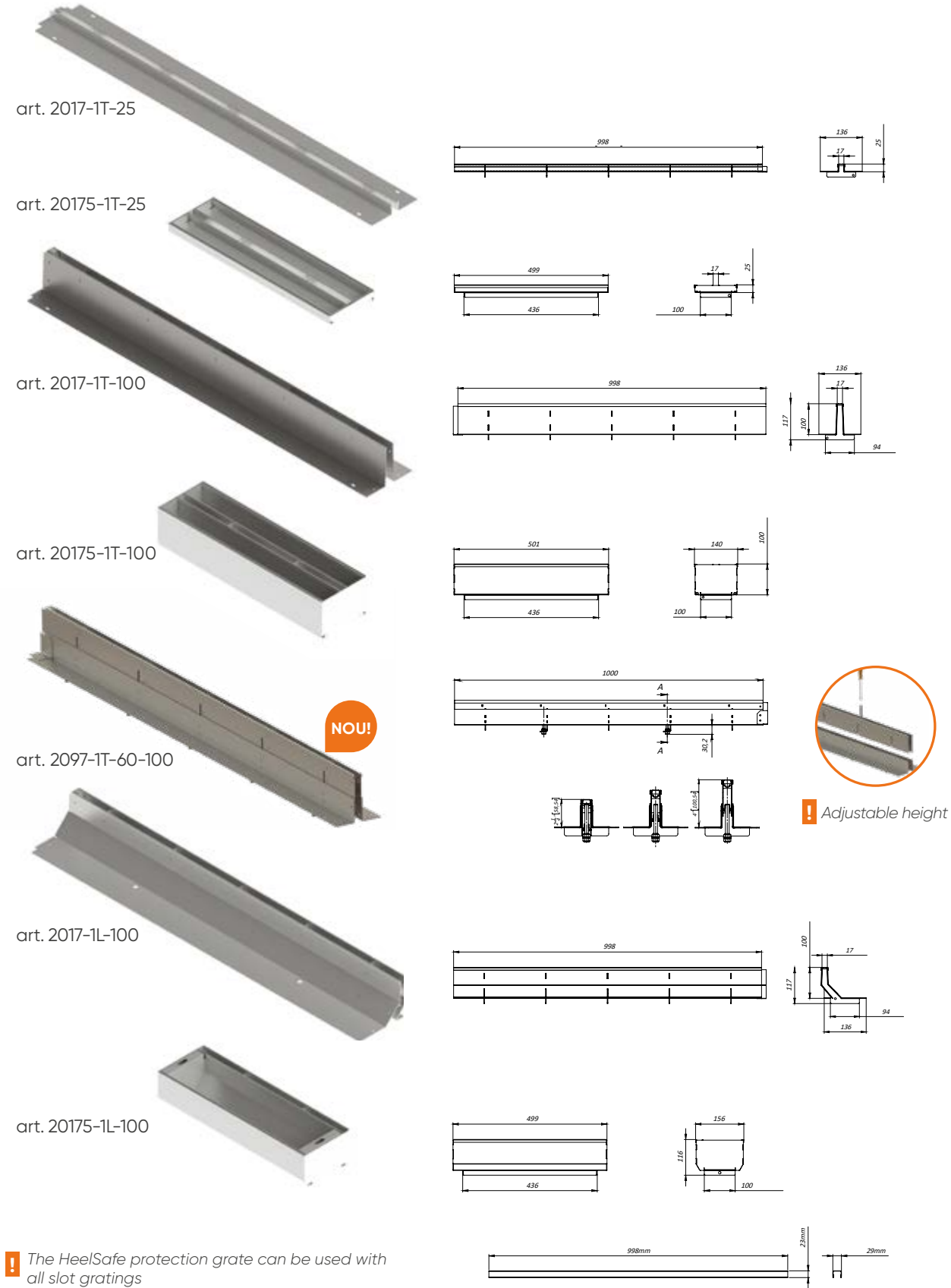
NOU!



Article	Name	Load class	Length, mm	Width, mm	Height, mm	Weight, kg
2087-L-25	Plastic BASE Slot grating for LN100 Channel A15	A15	498	136	50	0.4
201875-L-25	Galvanized steel BASE inspection element with plastic insertions for LN100 Channel with Slot grating	A15	499	138	50	1.89
201175-L-100	Stainless steel BASE inspection element LN100 Channel with Slot grating	A15-C250	499	138	50	1.89
2087-L-100	Plastic BASE Slot grating type L for plastic channel LN100	C250	498	136	140	0.81
201875-L-100	Galvanized steel BASE inspection element with plastic insertions for LN100 Channel with Slot grating type L	A15	499	144	138	4.64
209975-L-100	Stainless Steel BASE inspection element for plastic slot grating	A15-C250	499	144	128	6.42

*These products are available by order, only

Slot gratings



Article	Name	Length, mm	Width, mm	Height, mm	Weight, kg
2017-1T-25 (2097-1T-25)	Galvanized steel Slot grating	998	136	25	2.25
20175-1T-25	Galvanized Steel BASE Inspection element for slot grating type T	499	140	25	2.37
2017-1T-100	Galvanized Steep BASE Slot Grating type T	998	136	117	1.88
20175-1T-100	Galvanized Steel BASE Inspection element for slot grating type T	501	140	100	2.46
2097-1T-60-100	Galvanized Steep BASE Slot Grating type T, adjustable height	1000	136	58.54-100.54	5.03
2017-1L-100	Galvanized Steel BASE Slot grating type L	998	136	117	4.5
20175-1L-100	Galvanized Steel BASE Inspection element for slot grating type L	499	156	116	4.29

* All products can be made of stainless steel, by order



CONTACT

Sediu - București

Sat Dragomirești-Deal, Aleea Constanza Nr. 23, A1 BUSINESS PARK, UNITATEA L3 SI L4, Județ Ilfov, România.

+40 741 251 672

sales@vodaland.ro

Director Comercial

S4-1 - Andrei Sârbu

+40 786 313 406

a.sarbu@vodaland.ro

S1 - Daniel Bulat

+40 764 986 742

d.bulat@vodaland.ro

S2 - Keresztes Levente

+40 786 456 290

k.levente@vodaland.ro

S3 - Ovidiu Alexandru Găman

+40 741 129 067

o.gaman@vodaland.ro

S4-2 - Dorin Drejoi

+40 760 914 441

d.drejoi@vodaland.ro

Departament Tehnic

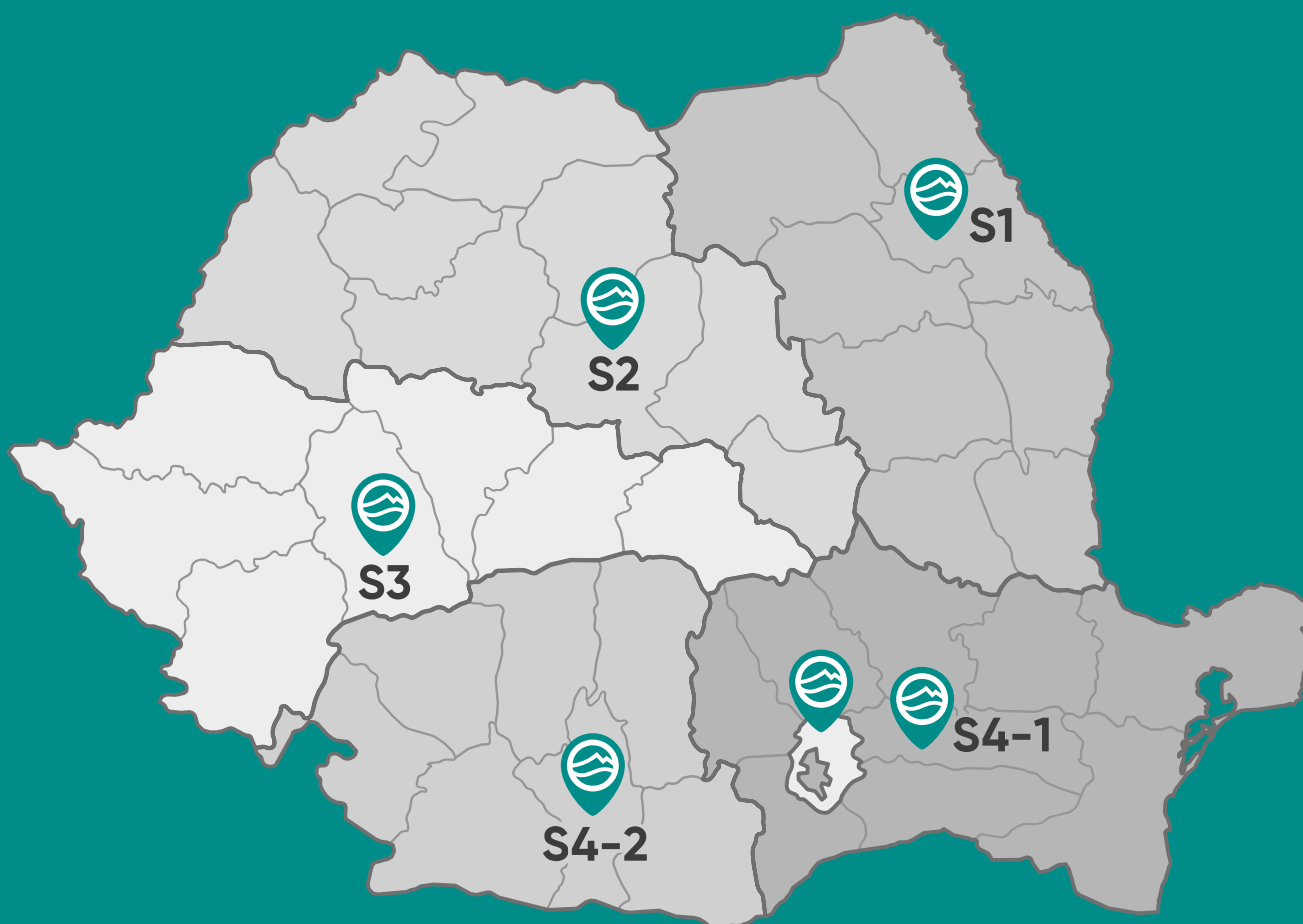
+40 753 114 627

tehnica@vodaland.ro

S7 - Export - Radu Popa

+40 759 458 898

r.popa@vodaland.ro



vodaland.ro

