



ITEM BT

CHANNELS OF INTERNAL WIDTH OF 150MM

BT.I.	Part No.	Channels AS-150T	Width [mm]	Height [mm]	Length [mm]	Cross section [cm <sup>2</sup> ]	Inlet area [cm <sup>2</sup> /rm]	Weight [kg]	Cast iron grates
BT.I.1.	1.07.1	without slope	212	305	665	351	645	45.5	
BT.I.2.	1.1	without slope	212	265	665	290	645	40.5	
BT.I.3.	10.1	without slope	212	225	665	229	645	35.5	
BT.I.4.	2.1	without slope	212	185	665	168	645	30.5	
BT.I.5.	1.07.1A	connecting No. 1.07.1 with No. 1.1	212	305	665	351	645	47.0	
BT.I.6.	1.1A	connecting No. 1.1 with No. 10.1	212	265	665	290	645	42.0	
BT.I.7.	10.1A	connecting No. 10.1 with No. 2.1	212	225	665	229	645	37.0	
BT.I.8.	0.1.07.1	upper drain unit	212	305	665	351/713*	645	35.0	
BT.I.9.	0.1.1	upper drain unit	212	265	665	290/713*	645	31.0	kl.C 250 – 5.4 kg
BT.I.10.	0.10.1	upper drain unit	212	225	665	229/713*	645	27.0	kl.D 400 – 7.0 kg
BT.I.11.	0.2.1	upper drain unit	212	185	665	168/713*	645	23.0	
BT.I.12.		cover plate with outlet No. 1.07.1	212	305				4.1	
BT.I.13.		cover plate with outlet No. 1.1	212	265				3.5	
BT.I.14.		cover plate with outlet No. 10.1	212	225				2.9	
BT.I.15.		cover plate with outlet No. 2.1	212	185				2.3	
BT.I.16.		blind cover plate No. 1.07.1	212	305				5.0	
BT.I.17.		blind cover plate No. 1.1	212	265				4.4	
BT.I.18.		blind cover plate No. 10.1	212	225				3.8	
BT.I.19.		blind cover plate No. 2.1	212	185				3.2	

\* drain inlet surface

Basin Elements

B.III.	Nr elementu	Part No.	MULTIFUNCTIONA L BASIN	Width [mm]	Height [mm]	Length [mm]
B.III.1.	A	pass-through without outlet	242	320	680	53.7
B.III.2.	A	pass-through with side outlet	242	320	680	52.2
B.III.3.	A	pass-through with front outlet	242	320	680	52.2
B.III.4.	B	with bottom, without outlet	242	330	680	66.4
B.III.5.	B	with bottom, with side outlet	242	330	680	64.9
B.III.6.	B	with bottom, with front outlet	242	330	680	64.9
B.III.7.	-	contamination trap	130	250	400	3.5

## PRODUCT CARD

### DRAINAGE WITH GRATING AS-150T

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CE designation- Standard PN-EN 1433:2005

Declaration of Conformity

Hygienic Certificate HK/B/0438/01/2016

Catalogue No BT.I.

#### 1. Intended use – place of application

draining roads, streets, garages, car parks, entrances, petrol stations, car washes, etc.

#### 2. Technological capabilities

- parts with no internal slope,
- possibility to connect parts at some angle,
- basins with trash boxes, covers with a stub pipe, blanking-off covers,
- bodies with holes in the bottom or in the side walls – to drain water,
- marking and numbering facilitates to assemble the parts into appropriate systems.

#### 3. Technical information

##### Dimensions:

- length: 665 mm
- external width: 212 mm
- internal width: 152 mm
- heights: 305; 265; 225; 185 mm

**THE CHANNEL BODY** is made of concrete in the C55/67 strength class with polymer additives and reinforced with alkali – resistant glass fibre. This concrete improves the properties of the channel and makes it more resistant to bending and hitting. This concrete is also resistant as well as to long – lasting exposure to frost and defrosting salts (“+R”).

*Concrete is characterized by high resistance to long-term frost exposure and defrosting salts (“+R”) and resistance to oil derivatives according to PN-EN 858-1:2005.*

**THE BODY WALLS** are protected with a coloured impregnation which limits water vaporization at the concrete curing time and protects the channel against environmental aggressiveness. The impregnation increases also adhesiveness of the external wall to the concrete housing. Applying the coloured impregnation makes it easier to control if protection has been made correctly. The channel bodies are finished with “male” and “female” cut outs enabling to provide tight connection of AS drainage system elements.

**SUPPORTING SLATS** are made of hot-dip galvanized rolled steel and are fixed to the body walls. These slats protect the channel edges and constitute solid element to fasten the grates.

**GRATES** – made of cast iron – painted or coated with KTL - in the classes C250 kN and D400 kN.

**GRATE FIXING** – with stainless bolts, screwed into galvanized, threaded seats made in the supporting slats. The fixing seats are through – adapted for cleaning.

**SETTING THE CHANNELS** – on a concrete strip footing with a lateral concrete encasement.

**CONNECTING CHANNELS** – applying frost and water resistant mortars.

#### 4. Quality, workmanship precision and others

This very simple and safe to install and apply product, entirely fabricated of Polish materials by a domestic company is of very high quality.

The top product quality is assured by AS PPH A. Sobiesiak due to applying "High Strength Concrete" and materials protected permanently against corrosion.

The guarantee of the top quality is the ISO 9001:2008 certificate, too.

#### 5. Safety

Using AS drainage systems does not pose any risk to safety during assembly works. General regulations of occupational safety and health for construction and installation works should be observed.

Drainage performed with the use of AS system, while observing project-related guidelines and assembly instructions, will help avoid onerous breakdowns and construction degradation. As far as conservation is concerned, it comes down to cleaning channels once a year with the use of inspection chambers.

## REALIZATION

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