



www.stora-drain.be

STORA LIGHT

THE POLYPROPYLENE DRAINAGE CHANNELS
A15



STORA-DRAIN

In harmony with nature...

LOAD CLASS

according EN1433:2005

The indications A15, B125, C250, D400, E600 or F900 measure the level of test resistance expressed in kN that is statically transmitted to the element being studied under laboratory conditions. For example, grid class C250 means that it transmits a strength of 250kN applied in accordance with EN 1433:2005.

CLASS

A 15

Areas which can only be used by pedestrians and cyclist, and similar A 15 areas such as green spaces.



CLASS

B 125

Footways, pedestrian areas and comparable areas, private car parks or car parking decks.



CLASS

C 250

Kerb sides and non-trafficked areas of hard shoulders and similar.



CLASS

D 400

Load traffic lanes (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles. Only longitudinal use, never transverse direction.



CLASS

E 600

Areas subjected to high wheel loads. Only longitudinal use, never transverse direction.



CLASS

F 900

Areas subjected to especially high wheel loads (e.g. aircraft pavements). Only longitudinal use, never transverse direction.





STORA-DRAIN

LIGHT

THE POLYPROPYLENE DRAINAGE CHANNELS

STORA-DRAIN

LIGHT H75

A15



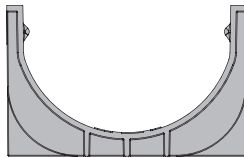
THE POLYPROPYLENE DRAINAGE CHANNELS

STORA LIGHT channels are made of polypropylene. They are light, without slope, designed to be used around private houses. The standard version of **STORA LIGHT** is supplied with gratings with 10- or 6mm slots. Each channel has a **100mm** vertical outlet. For a total water evacuation, we have endcaps and connection fittings. **STORA LIGHT** is available in 2 heights: 75 and 110mm.

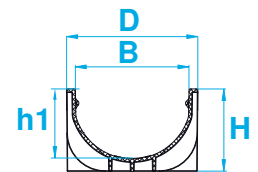
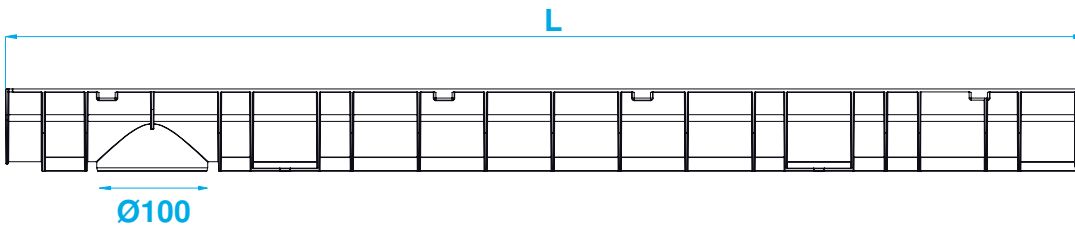
STORA LIGHT
standard channel
height 75



Galvanised grating



FIX system



A15



- FIX system
- galvanised slotted grating
- slot 10mm

STORA-DRAIN

LIGHT H75 100

CHANNEL + GRATING

B=100, D=120	H	h1	Vert. outlet on channel	hydraulic capacity	KG	units per pallet	waterway area	Article number
channel L=1m	75	64	Ø 100	11,82 L/sec	2,25	96	2,80 dm ²	S6500260

STORA-DRAIN

LIGHT H75 100

CHANNEL + GRATING

A15



- FIX system
- galvanised slotted grating
- slot 6mm

B=100, D=120	H	h1	Vert. outlet on channel	hydraulic capacity	KG	units per pallet	waterway area	Article number
channel L=1m	75	64	Ø 100	9,33 L/sec	2,25	96	1,42 dm ²	S6500262

ENDCAP

H	Article number	KG
75	S6500270	0,10

**CONNECTION PIPE**

Diameter	Article number	KG
Ø 100	S6500422	0,10



01 STORA-DRAIN LIGHT H110*

A15



THE POLYPROPYLENE DRAINAGE CHANNELS



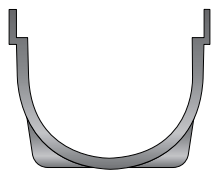
STORA LIGHT
standard channel
height 80



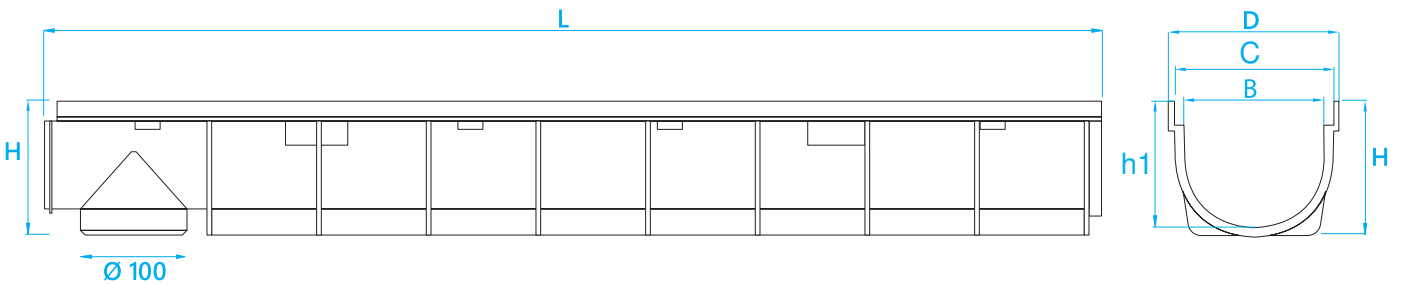
New model of channel
STORA LIGHT height 110



Galvanised grating



without fixation



i All dimensions **B, D, L, H** are in **mm**.

* model in the process of certification

STORA-DRAIN

LIGHT H110* 100

CHANNEL + GRATING

A15



- without fixation
- galvanised slotted grating
- slots 10mm
- option: anchorage screw

B=100, C=120, D=130	H	h1	Vert. outlet on channel	hydraulic capacity	KG	units per pallet	waterway area	Article number
channel L=1m	110	98	Ø 100	11,82 L/sec	3,00	72	2,80 dm ²	S6500435

STORA-DRAIN

LIGHT H110* 100

CHANNEL + GRATING

A15



- without fixation
- galvanised slotted grating
- slots 6mm
- option: anchorage screw

B=100, C=120, D=130	H	h1	Vert. outlet on channel	hydraulic capacity	KG	units per pallet	waterway area	Article number
channel L=1m	110	98	Ø 100	9,33 L/sec	2,80	72	1,42 dm ²	S6500430

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LIGHT H110* 100

CHANNEL + GRATING

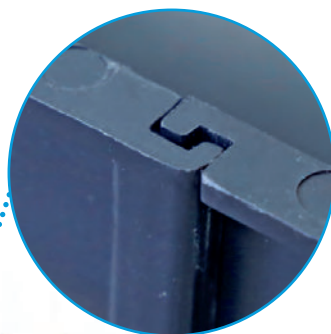
A15



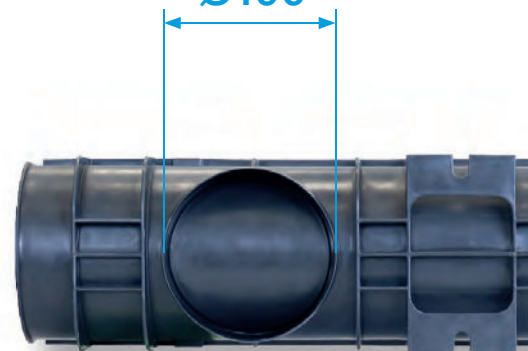
- without fixation
- polypropylene slotted grating
- slots 7mm

B=100, C=120, D=130	H	h1	Vert. outlet on channel	hydraulic capacity	KG	units per pallet	waterway area	Article number
channel L=1m	110	98	Ø 100	(2x) 4,20 L/sec	2,40	72	(2x) 0,64 dm ²	S6500450

Easy to install: the channels are assembled against each other by means of a tongue and groove jointing system (male/female)



Ø100



* model in the process of certification

ENDCAP*

H	Article number	KG
110	S6500420	0,10
110	S6500420B (box of 20 pcs)	2,00



CONNECTION PIPE*

Diameter	Article number	KG
Ø 100	S6500422	0,10

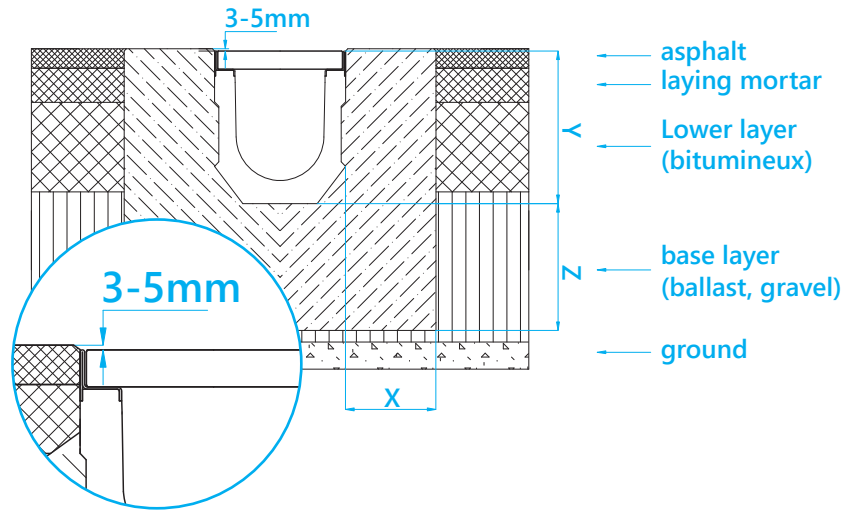


INSTALLATION INSTRUCTIONS

INSTALLATION EXAMPLE - ASPHALT

CLASS A15 / B125 / C250

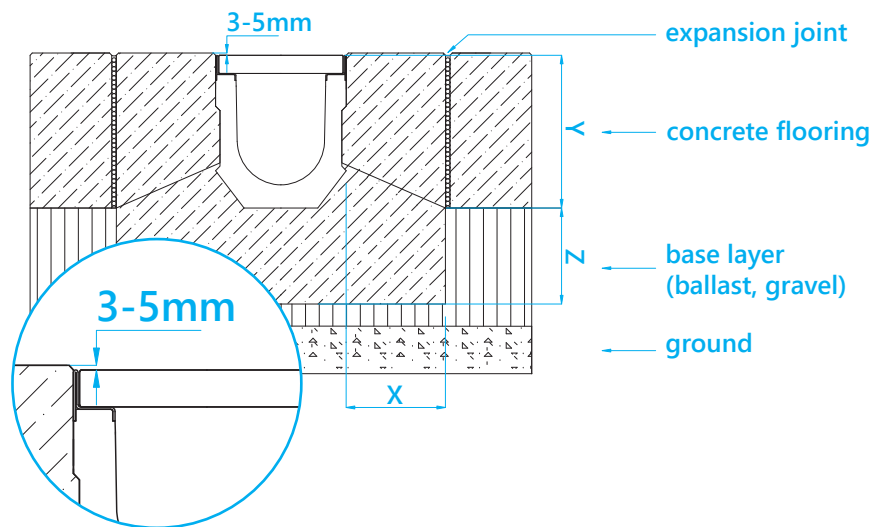
Load Class ac.: PN EN 1433	A15	B125	C250	
Minimum compressive concrete strength to:	DIN 1045-2	B15	B15	B25
	DIN EN 206-01	C12/15	C12/15	C20/25
Dimensions	X (mm)	≥ 100	≥ 100	≥ 150
	Y (mm)	Upper part of pocket anchor		
	Z (mm)	≥ 100	≥ 100	≥ 150



INSTALLATION EXAMPLE - CONCRETE

CLASS A15 / B125 / C250

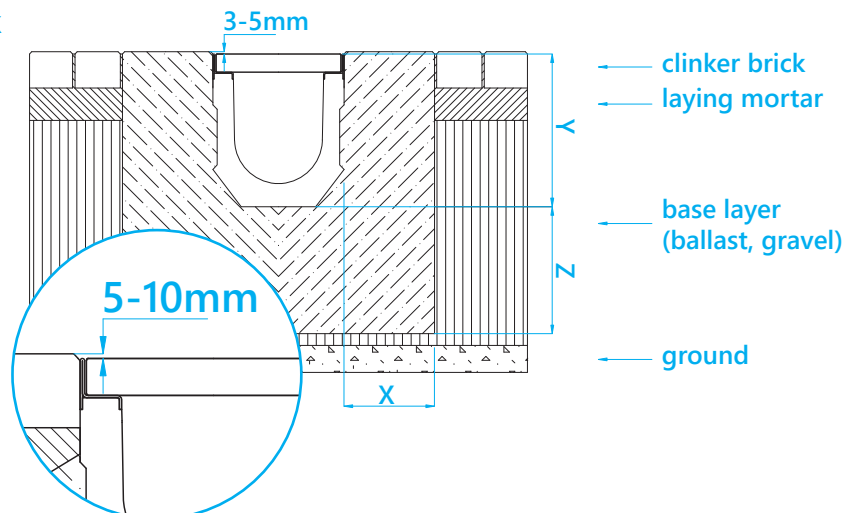
Load Class ac.: PN EN 1433	A15	B125	C250	
Minimum compressive concrete strength to:	DIN 1045-2	B15	B15	B25
	DIN EN 206-01	C12/15	C12/15	C20/25
Dimensions	X (mm)	≥ 100	≥ 100	≥ 150
	Y (mm)	Upper part of pocket anchor		
	Z (mm)	≥ 100	≥ 100	≥ 150



INSTALLATION EXAMPLE - CLINKER BRICK

CLASS A15 / B125 / C250

Load Class ac.: PN EN 1433	A15	B125	C250	
Minimum compressive concrete strength to:	DIN 1045-2	B15	B15	B25
	DIN EN 206-01	C12/15	C12/15	C20/25
Dimensions	X (mm)	≥ 100	≥ 100	≥ 150
	Y (mm)	Upper part of pocket anchor		
	Z (mm)	≥ 100	≥ 100	≥ 150



where can you find us?

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STORA-DRAIN

is part of the BSI group

(owned by the Belgian Ide family). The following companies are part of the group:



fondatel.com

FONDATEL is a Belgian foundry offering a wide range of high quality products with references in Belgium and France among others. A very large stock and an efficient logistical organisation result in very short delivery times. Resolutely focused on innovation, FONDATEL regularly offers new products that meet the expectations of clients and public works companies.



hermelock.be

The composition, however, consists of composite materials, which makes the products extremely light compared to their volume. As a result, they are very easy to handle and can be placed by one person



bsibelgium.be

BSI producer of pvc pipes (range from sewerage up to sanitary and rain water disposal, and pipes in polyethylene, cable trays and electrical conduits);



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