



[www.stora-drain.be](http://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



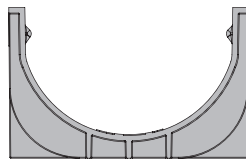
## THE POLYPROPYLENE DRAINAGE CHANNELS

**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.

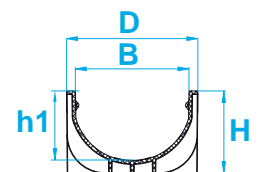
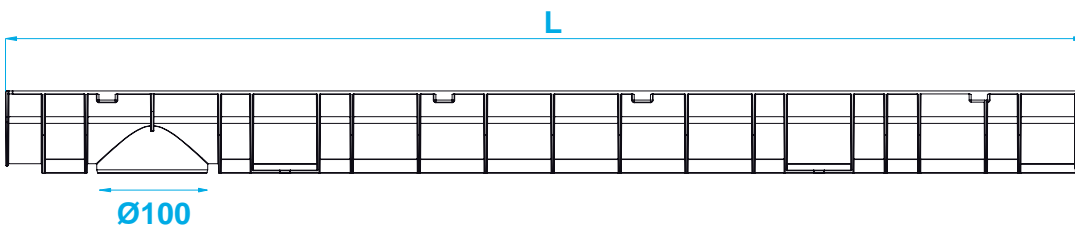
■ **STORA LIGHT**  
standard channel  
height 75



■ Galvanised grating



FIX system



A15

STORA-DRAIN

# LIGHT H75 100

## CHANNEL + GRATING



- FIX system
- galvanised slotted grating
- slot 10mm

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 <sup>2</sup>	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 <sup>2</sup>	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



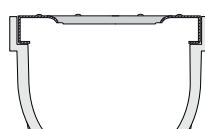
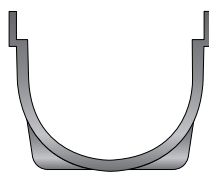
STORA LIGHT  
standard channel  
height 80



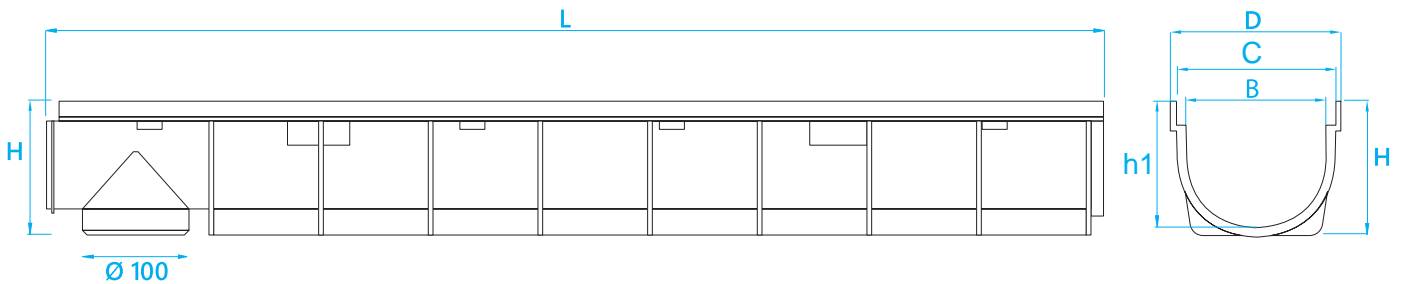
New model of channel  
STORA LIGHT height 110



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 <sup>2</sup>	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 <sup>2</sup>	S6500430

STORA-DRAIN

# LIGHT H110\* 100

CHANNEL + GRATING

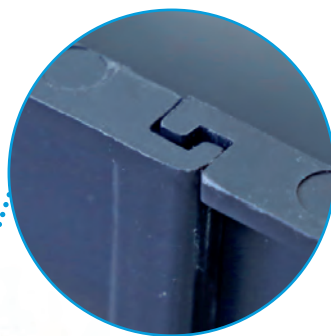
A15



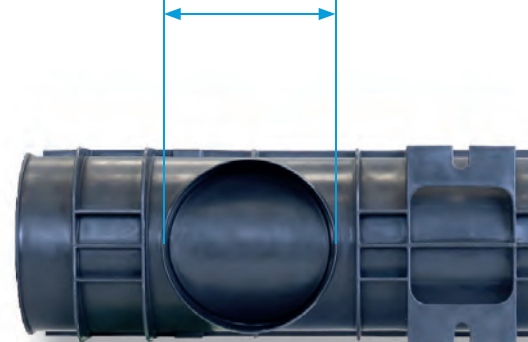
- without fixation
- polypropylene slotted grating
- slots 7mm

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 <sup>2</sup>	S6500450

Easy to install: the channels are assembled against each other by means of a tongue and groove joining 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



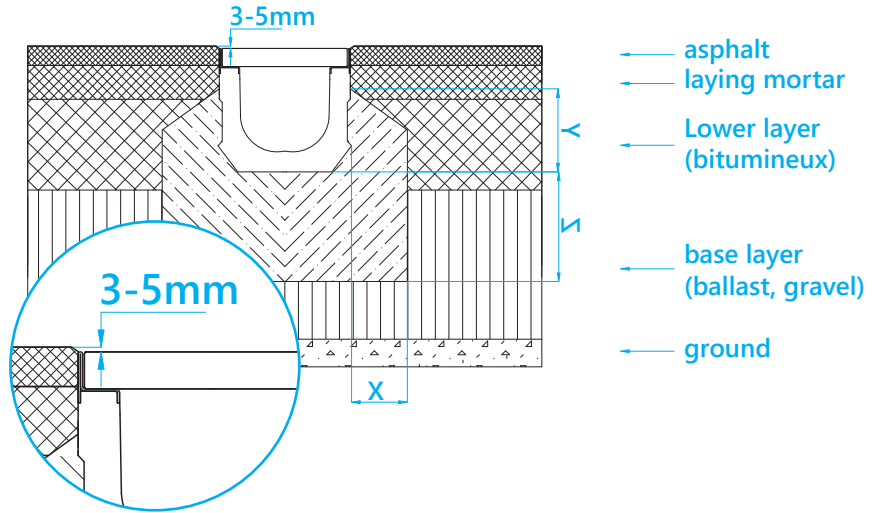


# INSTALLATION INSTRUCTIONS

## INSTALLATION EXAMPLE - ASPHALT

### CLASS A15 / B125 / C250

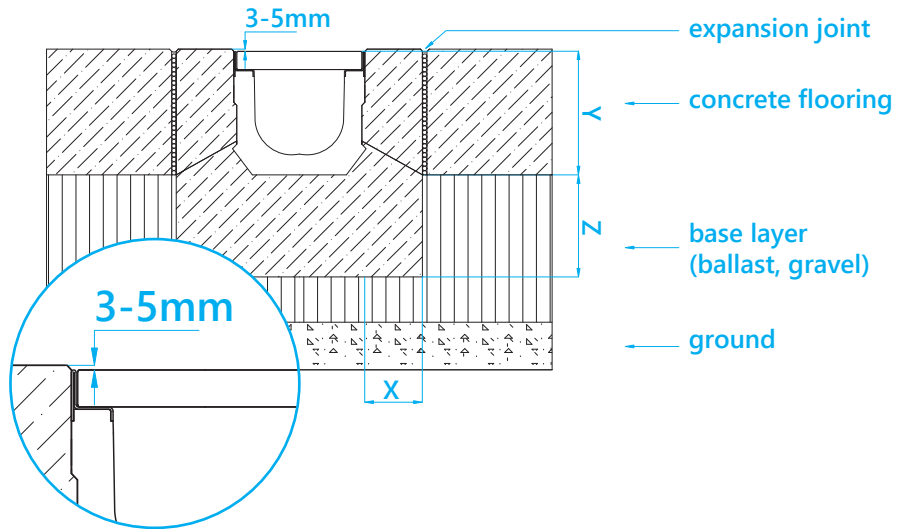
Load Class ac.: PN EN 1433	A15	B125	C250	
Minimum compressive concrete strength to:	DIN 1045-2	B15	B15	B25
	DIN EN 206-01	C12/15	C12/15	C20/25
Dimensions	X (mm)	≥ 100	≥ 100	≥ 150
	Y (mm)	Upper part of pocket anchor		
	Z (mm)	≥ 100	≥ 100	≥ 150



## INSTALLATION EXAMPLE - CONCRETE

### CLASS A15 / B125 / C250

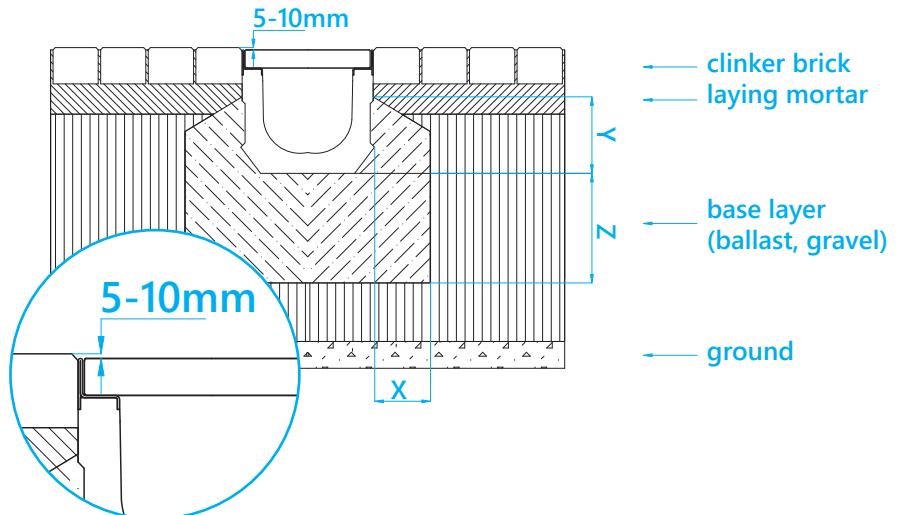
Load Class ac.: PN EN 1433	A15	B125	C250	
Minimum compressive concrete strength to:	DIN 1045-2	B15	B15	B25
	DIN EN 206-01	C12/15	C12/15	C20/25
Dimensions	X (mm)	≥ 100	≥ 100	≥ 150
	Y (mm)	Upper part of pocket anchor		
	Z (mm)	≥ 100	≥ 100	≥ 150



## 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?

**IMCOMA** nv

Zwaarveld 32

9220 Hamme

+32 (0)52 499 899

[info@imcoma.com](mailto:info@imcoma.com)



# STORA-DRAIN

The following companies are part of the group:



[fondatel.com](http://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](http://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



IMCOMA s.a.  
Zwaarveld 32  
9220 Hamme, Belgium  
Phone +32 (0)52 499 899  
info@imcoma.com

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[www.stora-drain.be](http://www.stora-drain.be)