

Class A15-B125
width 100-150-200

STORA-SELF

type SB



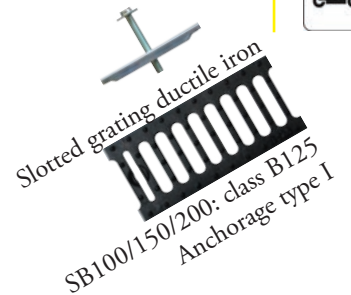
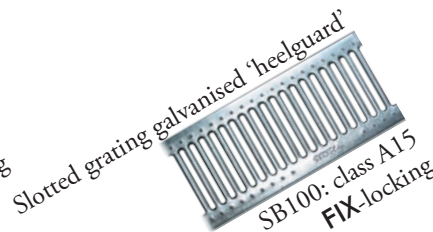
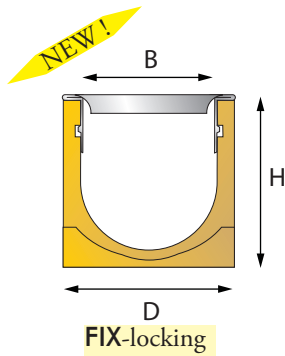
Due to its strength and low weight the STORA-SELF channel is the suitable solution for water drainage around private houses: garage doors, terraces, domestic driveways and **WHEELCHAIR ACCESSIBILITY**. The channels are 1m or 0,5m long and are assembled with a male-female connection. STORA-SELF channels do not have a built-in slope. The indication 'type **SB**' refers to the maximum load class **B125**.

CHANNELS 1M

Channel width	Art.N°
SB100	S4100111
SB150	S4300006
SB200	S4400006



Ductile iron grating class B125



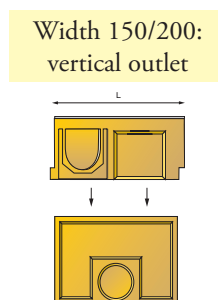
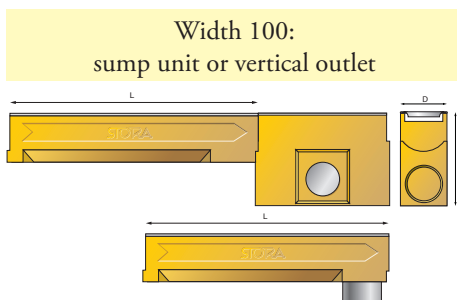
The standard galvanised slotted grating is provided with an integrated anchoring. No separate clips are necessary to fix the grating in the channel. Channel and grating are always assembled for delivery.



SLOTTED GRATINGS 1M

For channel width	Material	Slot width	Art.N°
SB100	Galvanised	FIX-locking 10mm	S4211100
		FIX-locking 6mm 'heelguard'	S4211200

Connection to the sewer system can happen in different ways:



Class A15-B125-C250
width 100-150-200-300

STORA-PARKING

type SC



EN 1433

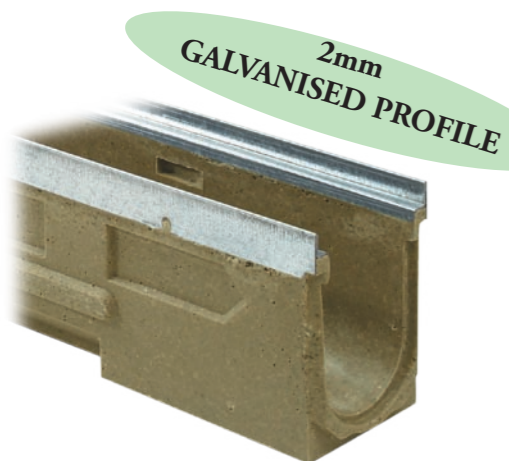
Due to their low weight, high strength, good chemical resistance and integrated galvanised or stainless steel protective edge profiles, the polyester concrete channels from the **STORA-PARKING** range are the ideal solution for surface water drainage in areas with medium traffic loads such as car parks, shopping streets, kerb sides, footpaths, etc..

The **STORA-PARKING** drainage channels are available 100mm wide with or without built-in fall. The 150mm, 200mm and 300mm wide channels are only available in one depth with level

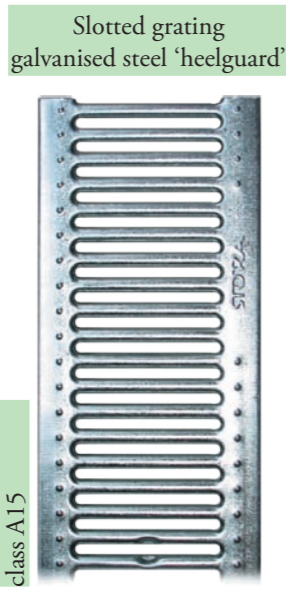
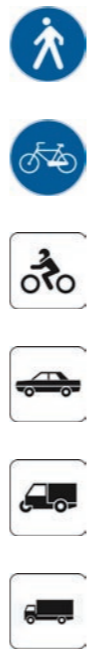
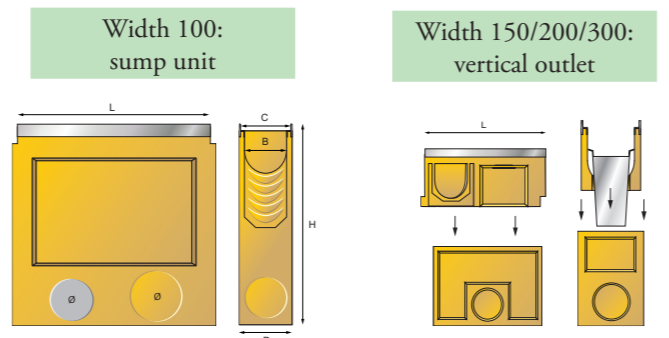


invert. The low weight of the channels as well as the tongue and groove jointing system simplify the installation. The wide range of inlay gratings available offers flexibility for different situations.

Connection to the sewer system can happen in different ways:



The **STORA-PARKING** channels type SC are suitable for loadings up to and including class C250. The quality of the channels and the matching gratings is guaranteed in accordance with EN1433.



STORA-PARKING type SC

STORA-SUPER

type SF

Class D400-E600-F900
width 100-150-200-300

EN 1433

Due to their solid design, high strength, good chemical resistance and integrated ductile iron protective edge profile, the polyester concrete channels from the **STORA-SUPER** range are the ideal solution for surface water drainage in areas with heavy and intensive traffic loads.

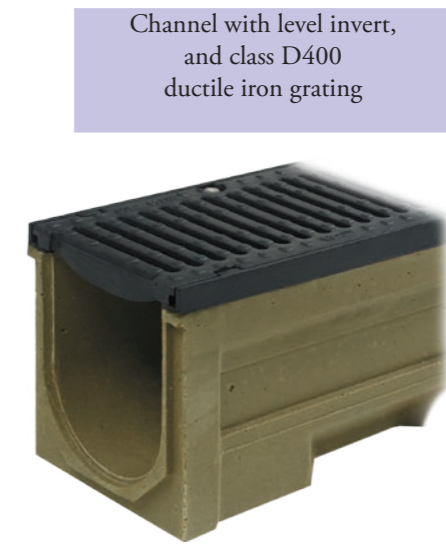
The **STORA-SUPER** drainage channels are available 100mm wide with or without built-in fall. The 150mm, 200mm and 300mm wide channels are available in 3 heights each with level invert and can be installed in stepped-fall system. All channels within the **STORA-SUPER** range are delivered complete with gratings in various loadings. Please refer to the table below for availability.

The **STORA-SUPER** type offers a lot of advantages for both installation and maintenance:



- The pre-installed gratings as well as the tongue and groove jointing system simplify the installation.
- The unique bolting system ensures stability and safety, even under the heaviest traffic loads.
- The bolting system also offers user-friendly maintenance as the 100mm, 150mm and 200mm wide **STORA-SUPER** gratings are secured using only one bolt per grating.

The **STORA-SUPER** channels type SF are suitable for loadings up to and including class F900. The quality of the channels and the matching gratings is guaranteed in accordance with EN1433.



STORA-SUPER type SF

Class D400
width 100

STORA-KERB

type SK



EN 1433

STORA-KERB is a two-part KERB and CHANNEL drainage system that is designed to be used in a wide variety of locations: roads, highways, car parks, industrial estates, roundabouts and all other kerbed areas that would usually be drained by means of gullies or standard drainage channels with gratings.



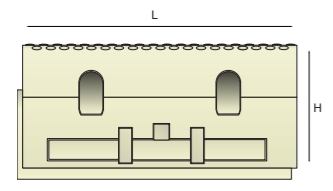
The channels and kerb tops of the **STORA-KERB** system are produced in a high-strength polyester concrete material. The use of polyester concrete gives several advantages such as:

- Lightweight components which result in a faster, simpler and more economical installation.
- Smooth internal surfaces that ensure an optimal evacuation of surface water.
- High resistance to frost, salts and hydrocarbons guaranteeing a long lifespan for the installed drainage system.



The wide range of available kerb top units seamlessly integrates with the traditional **STORA-DRAIN** channel drainage system, which has proven its efficiency and reliability over many years.

The **STORA-KERB** top unit also uses the same tongue and groove jointing system as the channel, which simplifies the installation and alignment of both channel and kerb units.



STORA-KERB is manufactured in accordance with the regulations of EN1433. When the system is installed in accordance with the instructions given in this brochure, D400 loading is achieved.



STORA-KERB design conforms with subsections 1 - 7 of clause 516 of "Specification for Highway Works - 500 Series", the product performance specification published by the Highways department (UK) in "The Manual of Contract Documents for Highway Works (MCHW)".

STORA-DRAIN



STORA-DRAIN PRODUCT RANGE

The **STORA-DRAIN** product range is subdivided in several groups. This subdivision has been mainly based on the expected loading class. The loading classes have been defined in the EN1433 standard as follows.

Loading class	Max. Load	Use and Application
A15	1,5 Tons	Pedestrian and cyclist areas Occasional car in green areas and domestic driveways
B125	12,5 Tons	Cars and light vehicles on car parks and pedestrian ways
C250	25,0 Tons	Cars, vans and lorries at low speed in shopping streets, car parks and kerb sides
D400	40,0 Tons	Public roads, motorways, petrol stations and car parks for all types of vehicles, lorry loading and unloading points
E600	60,0 Tons	Industrial areas with heavy vehicle loads, forklift trucks, heavy slow speed industrial traffic
F900	90,0 Tons	Areas with exceptionally heavy loads, e.g. airports, container and boarding quays

The overview below will help you in choosing the optimum system for your application. Both the maximum load and other factors such as the type of load (occasional, fast or slow, ...), the capacity, the grating types available, etc.... determine this choice. For further specific information and characteristics we refer to the product sheets concerned.

LOAD CLASS RANGE	FIELD OF APPLICATION	CHANNEL TYPE	SHORT CODE	AVAILABLE WIDTHS
A15	Garden and terrace, pedestrian areas only	LIGHT	SA	100
A15-B125	Garden, terrace and domestic driveway with occasional car traffic	SELF	SB	100-150-200
A15-C250	Domestic driveway, playground, parking area with light traffic	RESIDENTIAL	SCB	100
A15-C250	Regular and medium traffic	PARKING	SC	100-150-200-300
D400-E600	High load, technical installations, ...	TECHNICAL	SE	100-150-200-300
D400-F900	Heavy load, fast traffic, industrial areas, lorry traffic	SUPER	SF	100-150-200-300
D400	Combined kerb and channel drainage system	KERB	SK	100



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STORA-KERB type SK

STORA-DRAIN TECHNICAL MANUAL

STORAGE AND TRANSPORT

Polyester concrete drainage channels are very strong and hard-wearing when installed properly (also see installation instructions). Nevertheless the channels must be handled with care during transport and installation. The drainage channels are supplied on pallets. They are piled up crosswise in layers. **STORA-DRAIN** channels are delivered without grating. **STORA-SUPER** channels are delivered with grating.

UNITS PER STANDARD PALLET			W100	W150	W200	W300
STORA LIGHT	channel + grating	height 80 + grating= 96	56 no grating: 64	-	-	-
	channel + grating		72	-	-	-
STORA SELF	channel only		72	45	35	-
	STORA RESIDENTIAL	channel with level invert	height 100/150/200	44	-	-
height 65		66	-	-	-	
STORA PARKING	channel without/with built-in fall		52	45	35	20
STORA TECHNICAL	width 100	channel with(out) fall	44	-	-	-
	width 150	height 170	-	45	-	-
		height 220	-	36	-	-
		height 270	-	36	-	-
	width 200	height 130	-	-	35	-
		height 180	-	-	35	-
		height 240	-	-	28	-
		height 300	-	-	21	-
	width 300	height 245	-	-	-	20
		height 305	-	-	-	15
height 365		-	-	-	15	
STORA SUPER	width 100	S1	30	-	-	-
		S2	24	-	-	-
		S3	24	-	-	-
		with built-in fall	24	-	-	-
	width 150	height 170	-	25	-	-
		height 220	-	20	-	-
		height 270	-	20	-	-
	width 200	height 130	-	-	20	-
		height 180	-	-	20	-
		height 240	-	-	16	-
		height 300	-	-	12	-
	width 300	height 245	-	-	-	12
		height 305	-	-	-	12
		height 365	-	-	-	9

