



7. CATCH BASINS
COVERS GRILLS

8. RAINWATER
GULLIES

9. MODULAR
CHANNELS

10. FLOOR
DRAINS

Modular drainage channels

Drainage channel installation instructions



1
Excavate a trench 10 cms larger and 5 cms deeper than the channels you need to accommodate.



2
Butter the concrete on the bottom of the trench (as deep as the channel). No slope.



3
Use standard silicone glue for pasting the channels



4
Slot in the channel



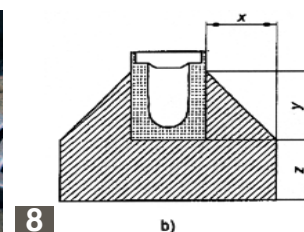
5
Put the grills on the channels



6
Set down the channels and check that grill level and ground level are equal to each other



7
Pack with cement in order to eliminate air pockets. The channels must be set down with the grills. Put some shims between the grills and the edge of the channels: this will facilitate inspection by removing the grills, once installation is completed.



8
Use concrete class RCK 45. Load class according to the rule EN1433. The observance of the CE marking, according to the channels 130 x 1000/52-70-90-130 internal height once installation is completed.

In compliance with CE marking statement (Ex Reg. EN1433), it is compulsory to match a galvanized steel grill to the channel.

			Concrete RCK 450 (mm)			Trench dimensions (to be added to channel sizes mm)		
Grill description	Channel dimensions*	Channel height*	X	Y	Z	Additional Side Dx	Additional Side Sx	Additional Depth
Swimming pool	130 x 500	70	33	68	42	100	100	50
High drainage	130 x 500	70	33	68	42	100	100	50
B125 grill	130 x 500	70	33	68	42	100	100	50
B125 cover	130 x 500	70	33	68	42	100	100	50
Swimming pool	130 x 500	134	33	134	42	100	100	50
High drainage	130 x 500	134	33	134	42	100	100	50
B125 grill	130 x 500	134	33	134	42	100	100	50
B125 cover	130 x 500	134	33	134	42	100	100	50
B125 grill	200 x 500	94	33	93	26	100	100	50
B125 cover	200 x 500	94	33	93	26	100	100	50
B125 grill	200 x 500	170	33	165	63	100	100	50
B125 cover	200 x 500	170	33	165	63	100	100	50
Galv. steel A15	130 x 1000	52	20	50	22	100	100	50
Galv. Steel B125 33*33	130 x 1000	52	50	60	50	100	100	50
Galv. Steel C250 33*33	130 x 1000	52	50	60	50	150	150	80
PP pedestrian grill	130 x 1000	70	33	74	66	100	100	50
Galv. steel A15	130 x 1000	70	33	74	36	100	100	50
Galv. Steel B125 33*33	130 x 1000	70	33	74	36	100	100	50
Galv. Steel C250 33*33	130 x 1000	70	70	74	70	150	150	80
Slot grill h. 85mm	130 x 1000	70	33	74	66	100	100	50
Galv. steel A15	130 x 1000	90	60	115	100	100	100	50
Galv. Steel B125 33*33	130 x 1000	90	60	115	100	100	100	50
Galv. Steel C250 33*33	130 x 1000	90	60	115	100	100	100	50
PP pedestrian grill	130 x 1000	130	33	136	40	100	100	50
Galv. steel A15	130 x 1000	130	33	136	40	100	100	50
Galv. Steel B125 33*33	130 x 1000	130	33	136	40	100	100	50
Galv. Steel C250 33*33	130 x 1000	130	70	136	70	150	150	80
Slot grill h. 85mm	130 x 1000	130	33	136	40	100	100	50

Slot Grill concealed drainage channel



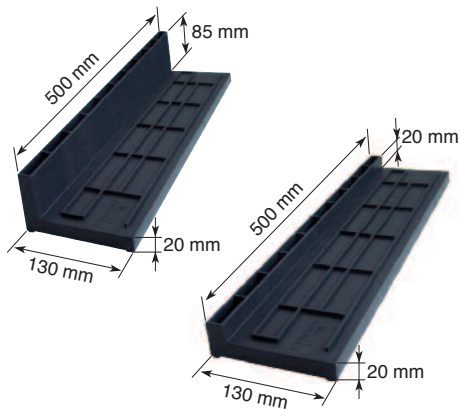
Surface compatible with concrete application

Height compatible with all common materials

Male/Female connection

Marking: 

Tested by  **ISTITUTO GIORDANO**
Qualità di Firenze



PP Slot grill 130x500

Grille fente 130x500 en PP

Dim (mm)	H int. (mm)	Dim slot (mm)	Reference	Pack.	I/s	Note
130x500	85	8x49	EGF10PP	10/140	0,4	HIGH
130x500	20	8x49	EGFBAPP	10/360	0,4	LOW

Material: PP - Black colour

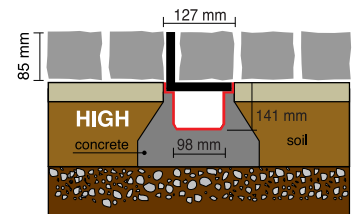
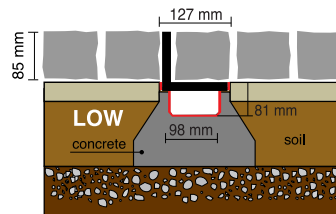
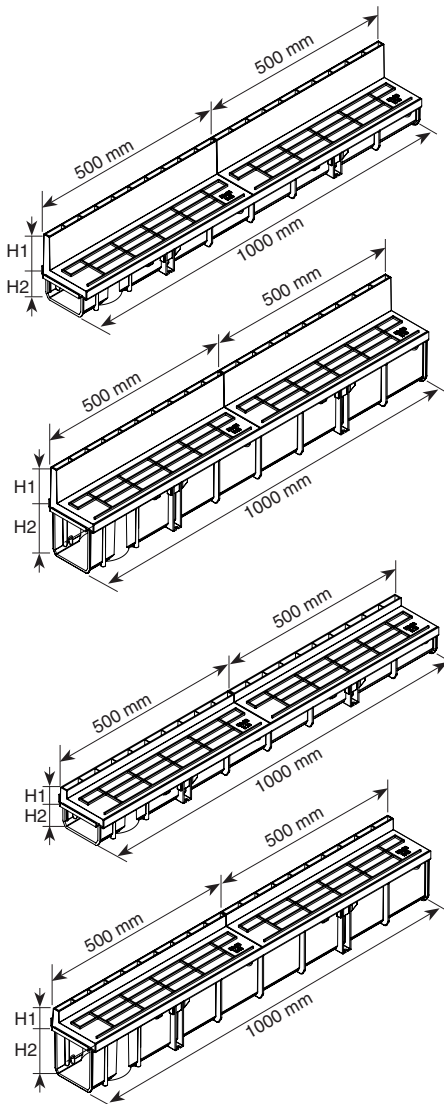
Slot grill can be installed in all drainage channels 130 with "C" section grate

KIT: 2 HIGH slot grills with 1 PP channel 130x1000

Kit: 2 grilles fente hautes avec 1 caniveau en PP 130x1000

Dim (mm)	H1 (mm)	H2 (mm)	Dim. Slot (mm)	Reference	Pack.	Note
130x1000	85	70	8x49	EGF15PP	1/55	2 slot grill 1 channel LOW
130x1000	85	130	8x49	EGF20PP	1/60	2 slot grill 1 channel HIGH

Material: PP - Black colour

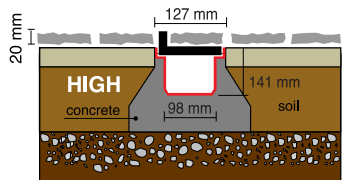
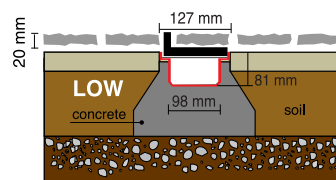


KIT: 2 LOW slot grills with 1 PP channel 130x1000

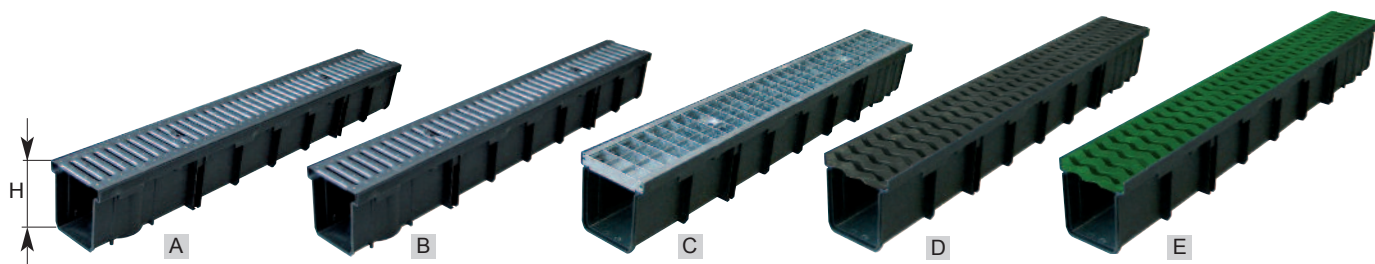
Kit: 2 grilles fente basses avec 1 caniveau en PP 130x1000

Dim (mm)	H1 (mm)	H2 (mm)	Dim. Slot (mm)	Reference	Pack.	Note
130x1000	20	70	8x49	EGFB5PP	1/56	2 slot grill 1 channel LOW
130x1000	20	130	8x49	EGFB0PP	1/60	2 slot grill 1 channel HIGH

Material: PP - Black colour



H130



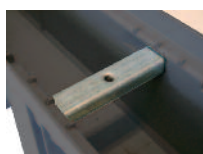
PP High channel 130x1000 with "C" section grate

Caniveau 130 x 1000 en PP

Note:
1 x vertical outlet
predisposition (pag. 157)



Grate locking device
applicable (pag. 157)



Type	Dim (mm)	H (mm)	Reference	Pack.	Characteristic
A	130x1000	130	ECAZNPP	1/60	Galvanized steel grill - A15 EN1433
B	130x1000	130	ECAIXPP	1/60	Stainless steel grill
C	130x1000	130	ECCZNPP	1/60	Galvanized steel grill, square mesh 33 x 33 mm - B125 EN1433
D	130x1000	130	ECCIXPP	1/60	PP black heel proof grill - A15 EN1433
E	130x1000	130	ECCPP0V	1/-	Green RAL 6005 heel proof grill - A15 EN1433

Tested by

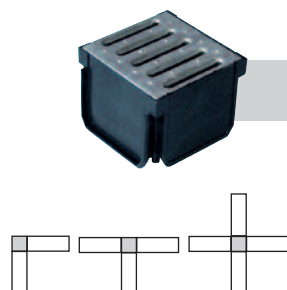
Marking: **CE**

Grating: class A15 EN1433. Use rain water drainage in pedestrian areas and light traffic areas.
Grate locking device applicable.

Grating: class B125 EN1433. Use rain water drainage. Especially designed for light duty traffic areas, such as garage fronts, private driveways, pedestrian areas. Grate locking device applicable.

PP High junction channel PP 130 with "C" section grate

Angle caniveau 130 avec grille en PP section "C"



Dim (mm)	H (mm)	Reference	Pack.	Note
130	130	EAC13PP	5/160	Corner with galvanized steel grill
130	130	EAC14PP	5/160	Corner with PP Black heelproof grill (Type D)
130	130	EAC140V	5/-	Corner with PP Green heelproof grill (Type E)

Material: PP - Black colour Use: Designed for creating multiple connections and projects.
Easy-to-open sides.
Preset to fit the connector for vertical outlet Ø100.

Easy to open



PP High end cap outlet 130

Fond / naissance 130 en PP



Dim (mm)	H (mm)	Ø Outlet	Reference	Pack.	Note
130	130	100	E1712PP	10/600	
130	130	110*	E1714PP	10/600	*Offset

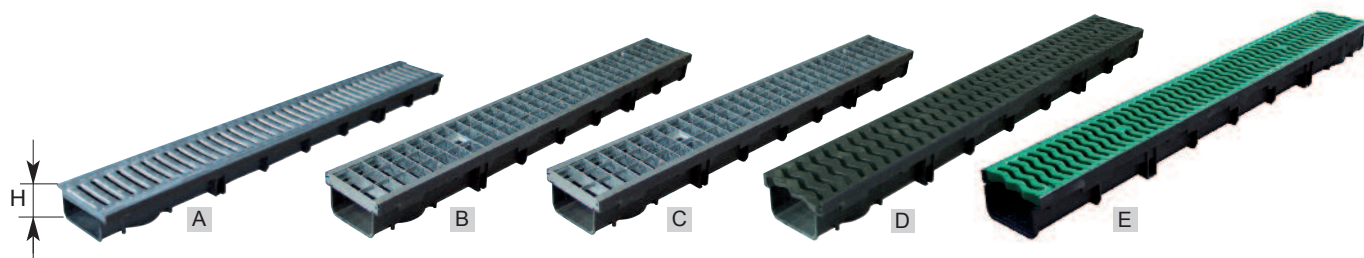
Material: PP - Black colour
Use: end cap for 130 mm high channel. Easy-to-open outlet.

Easy to open



H70

"C" shaped profile



PP Low channel 130 with "C" section grate

Caniveau 130 bas en PP avec grille section "C"

Note:

1 x vertical outlet
predisposition (pag. 157)



Grate locking device
applicable (pag. 157)



Type	Dim (mm)	Reference	Pack.	H (mm)	Characteristic
A	130x1000	ECBZNPP	1/105	70	Galvanized steel grill - A15 EN1433
B	130x1000	ECBIXPP	1/105	70	Stainless steel grill
C	130x1000	ECDZNPP	1/105	70	Galvanized steel grill, square mesh 33 x 33 mm - B125 EN1433
D	130x1000	ECDIXPP	1/105	70	PP Black heel proof grill - A15 EN1433
E	130x1000	ECDPP0V	1/105	70	PP Green RAL 6005 heel proof grill - A15 EN1433

Tested by

Marking: **CE**

Grating: class A15 EN1433

Use: rain water drainage in pedestrian areas and light traffic areas. Grate locking device applicable.

Grating: class B125 EN1433

Use: rain water drainage. Especially designed for light duty traffic areas, such as garage fronts, private driveways, pedestrian areas. Grate locking device applicable.

PP Low junction channel 130 with "C" section grate

Angle caniveau 130 bas en PP avec grille section "C"



Dim (mm)	Reference	Pack.	H (mm)	Note
130	EAC70PP	10	70	Corner with galvanized steel grill
130	EAC71PP	10	70	Corner with PP Black heelproof grill (Type D)
130	EAC710V	10	70	Corner with PP Green heelproof grill (Type E)

Material: PP - Black colour

Use: Designed for creating multiple connections and projects. Easy-to-open sides.

Preset to fit the connector for vertical outlet Ø100.

Easy to open



PP Low end cap outlet 130

Fond/naissance 130 bas en PP



Dim (mm)	Reference	Pack.	H (mm)	Ø Outlet	Note
130	E1718PP	10	70	50	

Material: PP - Black colour

Use: end cap for 130 mm high channel. Easy-to-open outlet.

H90

"T" shaped profile

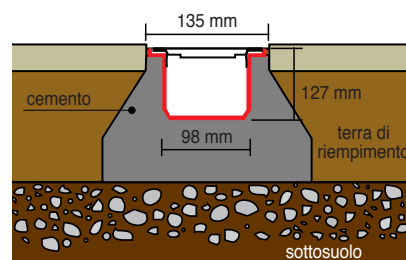
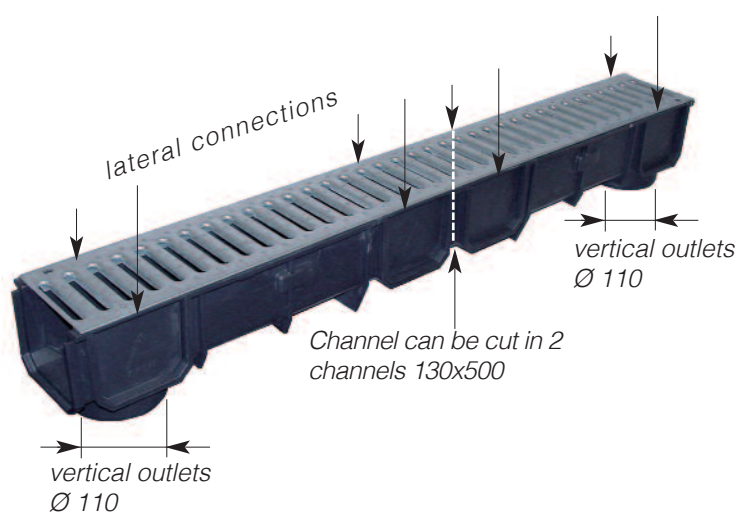
**PP Low channel 130x1000 with "T" section grill***Caniveau 130 bas en PP avec grille section "T"*

Type	Dim (mm)	Ref.	Pack.	H (mm)	Characteristic
A	130x1000	WCA13PP	1/60	90	Galvanized steel grill - A15 EN1433
B	130x1000	WC12BPP	1/56	90	Galvanized steel grill, square mesh 33x33 mm - B125 EN1433
C	130x1000	WC25CPP	1/56	90	Galvanized steel grill, square mesh 33x33 mm - C250 EN1433

Tested by Marking: **CE**

Grating: class A15 - B125 - C250, EN1433

Use: rain water drainage. Especially designed for light duty traffic areas, such as garage fronts, private driver ways, pedestrian areas. Grate locking device not applicable.

**PP High end cap outlet 130***Fond / naissance 130 en PP*

Dim (mm)	Reference	Pack.	H (mm)	Ø Outlet	Note
130	W6816PP	10	90	110*	*Offset

Material: PP - Black colour

Use: end cap for 130 mm high channel. Easy-to-open outlet Ø110.

H52

“T” shaped profile

**Note:**

1 x vertical outlet
predisposition (pag. 157)

**PP Low channel 130x1000 with “T” section grill**

Caniveau 130 bas en PP avec grille section “T” en acier galvanisé

Type	Dim (mm)	H (mm)	Reference	Pack.	Characteristic
A	130x1000	52	WCB13PP	1/105	Galvanized steel grill - A15 EN1433
B	130x1000	52	WCD13PP	1/105	Galvanized steel grill, square mesh 33 x 33 mm - B125 EN1433

Tested by 

Marking: **CE**

Grating: class A15 EN1433

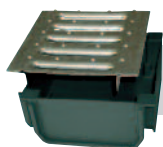
Use: rain water drainage in pedestrian areas.

Grating: class B125 EN1433

Use: rain water drainage. Especially designed for light duty traffic areas, such as garage fronts, private driveways, pedestrian areas. Grate locking device not applicable.

PP Low junction channel 130 with flat section grating

Angle caniveau 130 bas en PP avec grille section plate



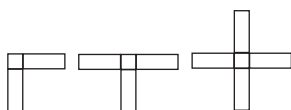
Dim (mm)	H (mm)	Ø Outlet	Reference	Pack.	Note
130	52	40	EAU13PP	10	

Material: PP - Black colour

Grating: Class A15 EN1433

Use: Designed for creating multiple connections and projects. Easy-to-open sides.

Preset to fit the connector for vertical outlet.



Easy to open

**PP Low end cap outlet 130**

Fond/naissance 130 bas en PP



Dim (mm)	H (mm)	Ø Outlet	Reference	Pack.	Note
130	52	40	W6817PP	10	

Material: PP - Black colour

Use: end cap for 130 mm high channel. Easy-to-open outlet.

7. CATCH BASINS
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PP Connector for vertical outlet 130*Piquages sortie verticale 130 en PVC*

Dim (mm)	Ø	Reference	Pack.	Note
130	100	EBU1008	10/480	
130	110	EBU1108	10/480	

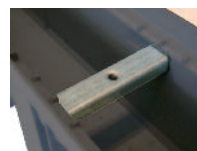
Material: PP - Black colour

Use: Connector for vertical outlet Ø100 - 110. With 4 fixing screw.

This item can be installed in all channels 130x1000.

**Grate locking device (with screw)***Fixation pour grilles*

Dim (mm)	Reference	Pack.	Note
130x1000	W6820FX	10/120	

**Universal leaf-guard***Crapaudine*

Ø	Reference	Pack.	Note
100-110	WGPAF00	50/750	

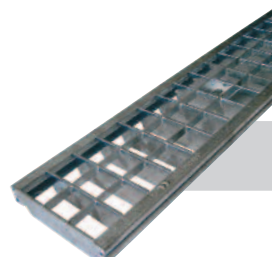
"C" shaped profile

**Spare parts / Pièces de rechange****A15 Grill "C"- shaped profile** *A15 - Grille profil "C"*

Dim (mm)	H (mm)	Reference	Pack.	Material	Note
130x1000	20	EGRZA15	1/100	Galvanized steel	"C" shaped profile
130x1000	20	EGRAA15	1/500	Stainless steel	"C" shaped profile
200x1000	20	EG2ZA15	1/175	Galvanized steel	"C" shaped profile

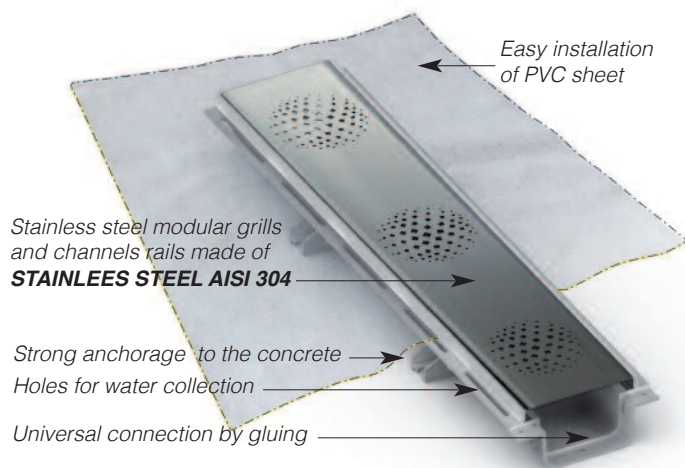
Note: The length of the metal grille is 997 ± 1 m to avoid problems of linear expansion.**B125 Galvanized steel grill "C"- shaped profile***B125 Grille galvanisée profil "C"*

Dim (mm)	H (mm)	Reference	Pack.	Note
130x1000	20	EGRB125	1	Square mesh 33 x 33 mm
200x1000	20	EG2B125	1	Square mesh 33 x 33 mm

Note: The length of the metal grille is 997 ± 1 m to avoid problems of linear expansion.**C250 Galvanized steel grill "C" shaped profile***C250 Grille galvanisée profil "C"*

Dim (mm)	H (mm)	Reference	Pack.	Note
130x1000	20	EGRC250	1/260	Square mesh 33 x 33 mm

Note: The length of the metal grille is 997 ± 1 m to avoid problems of linear expansion.



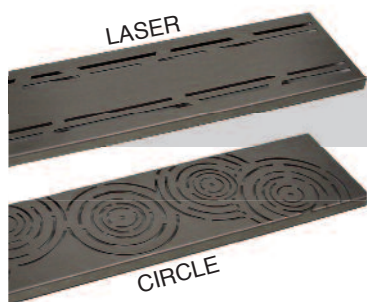
"Design" is a new range of non-trapped modular channels, with grates and channel rails made of stainless steel. Ideal for long stretches of drainage channel systems for white waters. Thanks to the peculiar patterns engraved on the grills (laser technology), this product is particularly suitable for public showers, changing-rooms, gymnasiums and spas.

Characteristic:

- Modular PVC channel 100x500 mm.
- Height 50 mm.
- PVC outlet Ø 40 mm.
- PVC Universal corner 100x250 mm.
- Community design



The "Design" grills can be classified in load class K3 in accordance with regulation **EN1253-2** (resistance >300 kg). All tests have been carried out at Aliaxis laboratories.

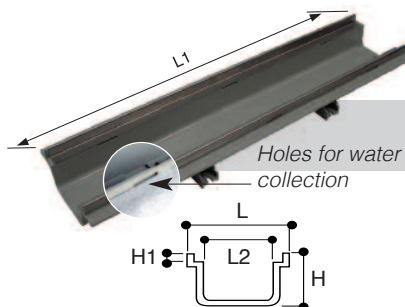


Grills 100 "Design" (stainless steel AISI 304)

Grille "Design" 100 (acier inoxydable AISI 304)

Dim (mm)	l/s	Reference	Pack.	Design Type	Note
100x500	0,8	EZ10GLA	1/10	LASER	
100x500	1,1	EZ10GCI	1/10	CIRCLE	

Material: Stainless steel AISI 304



Low modular channel 100 (rails made of stainless steel AISI 304)

Corps de caniveau 100 (profilés en acier inoxydable AISI 304)

L (mm)	L1 (mm)	L2 (mm)	H (mm)	H1 (mm)	Reference Grey Ral 7035	Pack.	Note
100	500	96	50	12	EZ10CAI	1/12	Screwed stainless steel rails

Universal corner 100 with "Laser" design grill

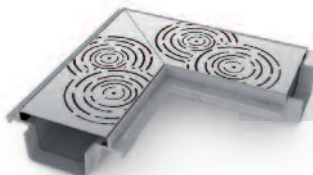
Angle universel 100 avec grille design "Laser"



Dim (mm)	Reference Grey Ral 7035	Pack.	Note
100x250	EZ10ALA	1/5	Stainless steel AISI 304 grill

Universal corner 100 with "Circle" design grill

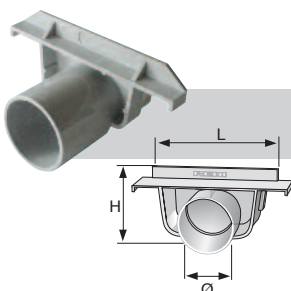
Angle universel 100 avec grille design "Circle"



Dim (mm)	Reference Grey Ral 7035	Pack.	Note
100x250	EZ10ACI	1/5	Stainless steel AISI 304 grill

Low end cap-outlet 100

Fond naissance 100 bas



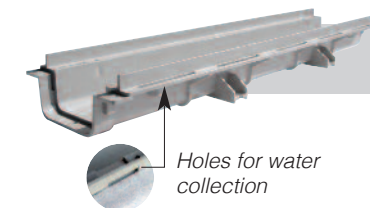
L (mm)	H (mm)	Ø (mm)	Reference Grey Ral 7035	Pack.	Note
100	50	50*	E1710B4	10	*Offset

Material: PVC

Use: end cap for channel 100 (easy-to-open outlet).

PVC Low modular channel 100

Corps de caniveau modulaire 100 bas en PVC



L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	H (mm)	Reference Grey Ral 7035	Pack.	Note
100	500	200	150	50	E1810B4	10/360	

Material: PVC

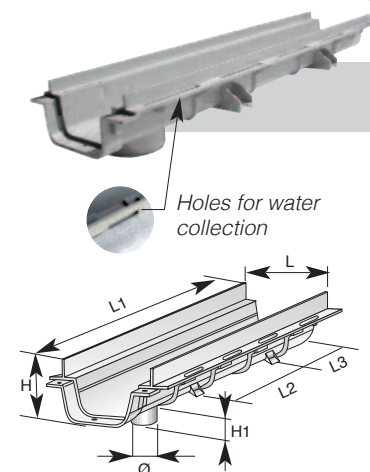
Use: rain water drainage in garages, terraces and balconies, multi-storeyed car parks in all cases of low concrete slab.

Features:

- Fixing brackets (preset for nails or screw fastening)
- Side slots for better anchorage to concrete
- Modular couplings by pins
- Preset for cover screw fastening
- Vertical outlet Ø 63 (easy perforation)
- End cap (outlet diameter 50)
- Possibility to glue the components to ensure water tightness.

Low modular channel 100 with vertical outlet 100

Corps de caniveau modulaire 100 bas (sortie verticale)



L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	H (mm)	H1 (mm)	Ø (mm)	Reference Grey Ral 7035	Pack.	Note
100	500	200	150	50	15	63	E1811B4	10/240	

Material: PVC

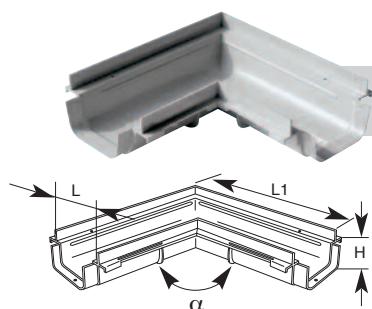
Use: rain water drainage in garages, terraces and balconies, multi-storeyed car parks in all cases of low concrete slab.

Features:

- Fixing brackets (preset for nails or screw fastening)
- Side slots for better anchorage to concrete
- Modular couplings by pins
- Preset for cover screw fastening
- Vertical outlet Ø 63 (easy perforation)
- End cap (outlet diameter 50)
- Possibility to glue the components to ensure water tightness.
- With vertical outlet Ø 63 (easy-to-open outlet).

PVC Universal corner channel 100

Angle universel corp de caniveau 100 bas en PVC



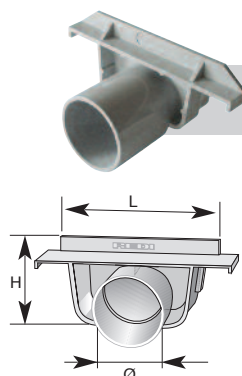
L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Note
100	250	50	90°	E162504	5/240	Universal - one piece moulded

Material: PVC

Use: rain water drainage in garages, terraces and balconies, multi-storeyed car parks in all cases of low concrete slab.

PVC Low end cap-outlet 100

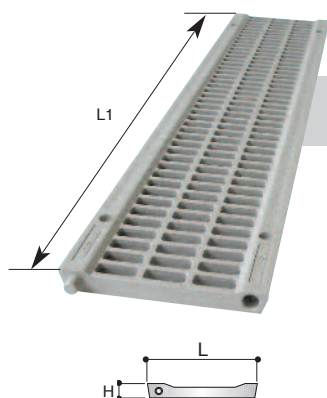
Fond naissance 100 bas en PVC



L (mm)	H (mm)	Ø (mm)	Reference Grey Ral 7035	Pack.	Note
100	50	50*	E1710B4	10	*Offset

Material: PVC

Use: end cap for channel 100 (easy-to-open outlet).



PVC "heel-proof" grill 100

Grille piétonnière "anti-talon" 100 en PVC

L (mm)	L1 (mm)	H (mm)	 I/s		Reference Grey Ral 7035	Pack.	Note
100	500	12	2,3	>15	E2510B4	10	

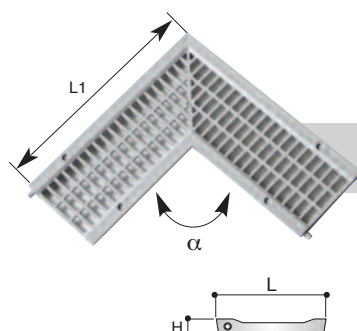
Material: PVC

Use: pedestrian draining grating for 100 channels.

Features:

- heel proof for a safer tread
- antislip knurled surface and chamfered draining section to avoid backwater and icing
- provided with coupling pins
- preset for screw fastening to the channel.

Durability: PVC specifications and structure design give this product a great resistance against atmospheric agents and ageing and ensure dimensional stability in time.



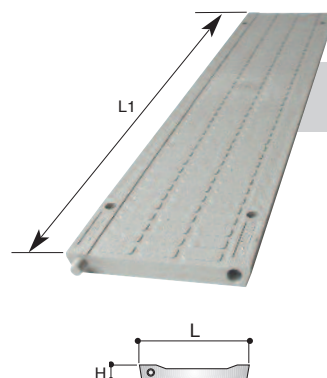
PVC Universal pedestrian "heel-proof" corner grating 100

Angle universel grille piétonnière "anti-talon" 100 en PVC

L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Note
100	250	12	90°	E721004	5/300	Universal - one piece moulded

Material: PVC

Use: pedestrian draining grating for corner channels.



PVC Pedestrian channel cover 100

Tampon piétonnier 100 en PVC

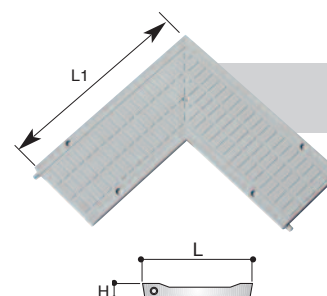
L (mm)	L1 (mm)	H (mm)		Reference Grey Ral 7035	Pack.	Note
100	500	12	>15	E2555B4	10	

Material: PVC

Use: pedestrian cover for channels.

Features:

- antislip knurled surface
- provided with coupling pins
- preset for screw fastening to the channel.



Universal pedestrian corner cover 100

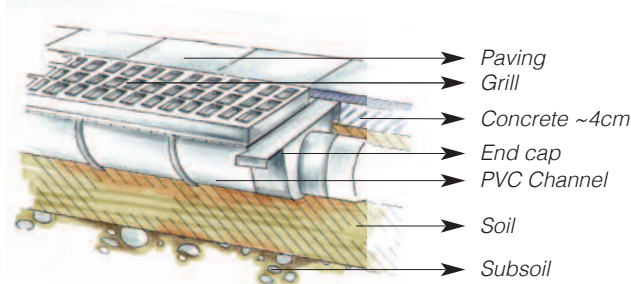
Angle universel tampon piétonnier 100

L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Note
100	250	12	90°	E721104	5/300	Universal - one piece moulded

Material: PVC

Use: Pedestrian covering for corner channels.

Examples of installation



7. CATCH BASINS
COVERS GRILLS

8. RAINWATER
GULLIES

9. MODULAR
CHANNELS

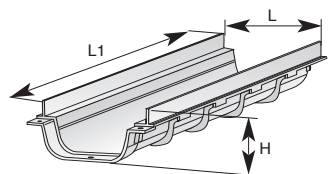
10. FLOOR
DRAINS

PVC Low modular channel 130

Corp de caniveau modulaire 130 bas en PVC



L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035	Pack.	Note
130	500	70	E1813B4	10/140	



Material: PVC

Marking: **CE**

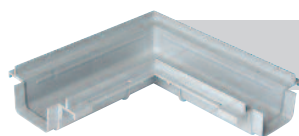
Use: rain water drainage in garages, yards, terraces, balconies, multistoreyed parkings, and in all cases of low concrete slab.

Features:

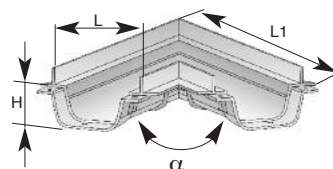
- modular joint by pins
- preset for cover screw fastening
- possibility to glue the components to ensure water tightness.

PVC Universal low channel 130

Angle universel de caniveau 130 bas en PVC



L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Note
130	250	70	90°	E731404	5/160	Universal - one piece moulded



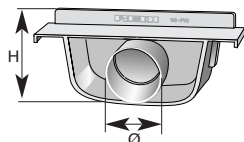
Material: PVC

PVC Low end cap-outlet 130

Fond naissance 130 bas en PVC



L (mm)	H (mm)	Ø (mm)	Reference Grey Ral 7035	Pack.	Note
130	67	40	E1713B4	10	

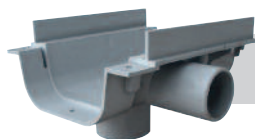


Material: PVC

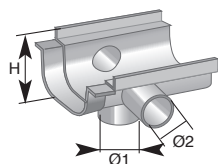
Use: end cap for channel 130 (easy-to-open outlet).

PVC Low junction channel 130

Naissance centrale 130 basse en PVC



Ø1 (mm)	Ø2 (mm)	H (mm)	Reference Grey Ral 7035	Pack.	Note
50	40	70	E1613B4	10	



Material: PVC

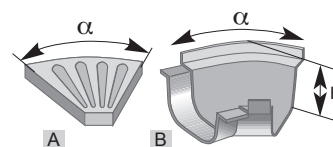
Use: Junction and drainage component for low channels 130 mm (easy-to-open outlet).

PVC Low junction channel with grill 130

Angle caniveau 45° avec grille 130 bas en PVC

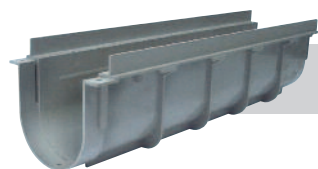


Dim (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Tipo	Note
50	-	45°	W7214B4	10	A	
-	70	45°	E1614B4	10	B	

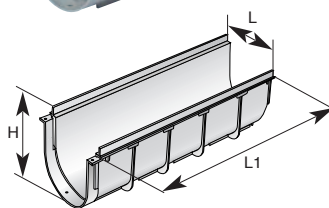


Material: PVC

Use: corner junction for low channel 130 with grate.

PVC High modular channel 130*Corps de caniveau modulaire 130 haut en PVC*

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035	Pack.	Note
130	500	134	E1813A4	10	



Material: PVC

Marking: **CE**

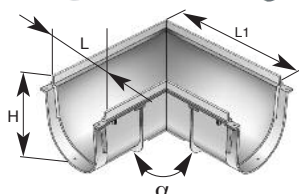
Use: rain and waste water drainage in garages, yards, terraces, outdoor areas and public bathrooms and lavatories (gymnasium, etc).

Features:

- self supporting
- modular joint by pins
- possibility to glue the components to ensure water tightness
- a cover can be fastened by means of self-threading screw (pre-set holes).

PVC Universal high corner channel 130*Angle universel de caniveau 130 haut en PVC*

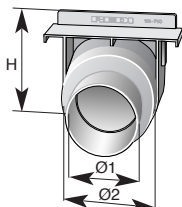
L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Note
130	250	70	90°	E731704	5/80	Universal - one piece moulded



Material: PVC

PVC High end cap-outlet 130*Fond naissance 130 haut en PVC*

H (mm)	Ø1 (mm)	Ø2 (mm)	Reference Grey Ral 7035	Pack.	Note
131	80	100	E1713A4	15	
131	75	110	E1711A4	15	

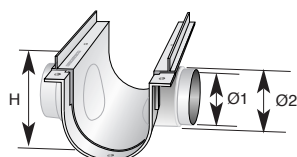


Material: PVC

Use: end cap for high channel 130 (easy-to-open outlet).

PVC High junction channel 130*Naissance centrale 130 haute en PVC*

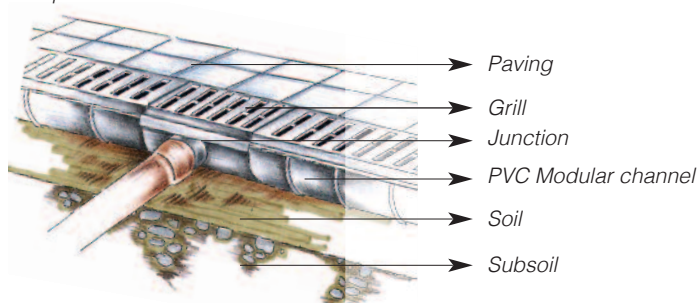
H (mm)	Ø1 (mm)	Ø2 (mm)	Reference Grey Ral 7035	Pack.	Note
134	75	80	E1613A4	10/240	

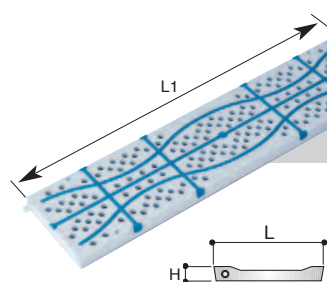


Material : PVC

Use: Junction and drainage component for high channels 130 mm (easy-to-open outlet).

Examples of installation

7. CATCH BASINS
COVERS GRILLS8. RAINWATER
GULLIES9. MODULAR
CHANNELS10. FLOOR
DRAINS



PVC Anti slip grill 130

Grilles pour piscine antidérapant 130 en PVC

L (mm)	L1 (mm)	H (mm)	Reference	Pack.	Colour	Note
130	500	20	0219503	10/420	White	
130	500	20	0219504	10/420	Grey	

Material: PVC

Colour: White RAL 9016 - Grey RAL 7035

Use: pedestrian draining cover for channels alongside swimming pools.

Excellent solution to prevent accidents due to slippery surface (also in laundries and other wet areas).

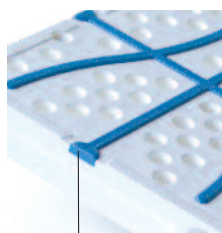
Italian design.

Corrosion-proof, maintenance-free reliable and lightweight.

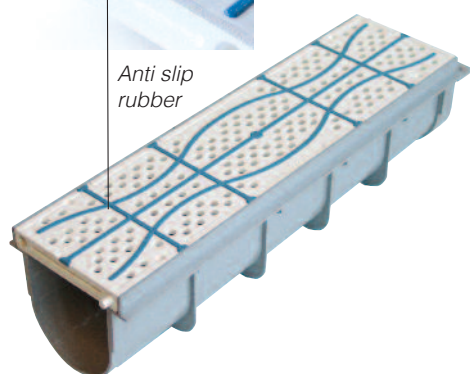
No coating or extra treatment needed.

Safe Step grilles can be securely fixed onto Redi modular channels.

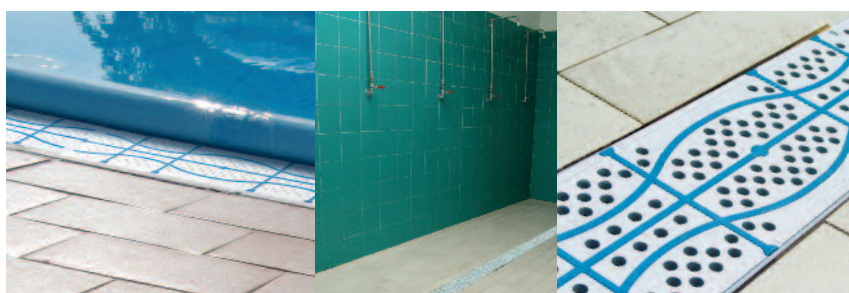
safeSTEP
by **REDI**



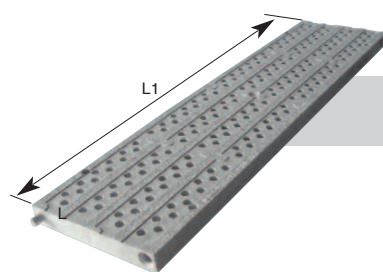
Anti slip
rubber



SAFESTEP means safety and design!



Examples of installation



PVC Walkaway grill standardized for swimming pools 130

Grilles pour piscine 130 en PVC

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035	Pack.	 I/s	Colour	Note
130	500	20	W721503	10/360	1,2	White	
130	500	20	W721504	10/360	1,2	Grey	

Material: PVC - Colour: White RAL 9016 / Grey RAL 7035

Marking: 

Regulation: **EN124 A15** Load class

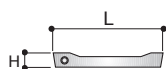
Use: pedestrian draining cover for channels alongside swimming pools.

Features:

- Barefoot-friendly
- Antiskid knurled surface
- Provided with coupling pins
- Preset for screw fastening to the channel

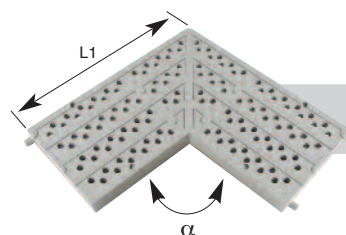
Application field: pedestrian areas.

Durability: PVC specifications and structure design give this product a great resistance against atmospheric agents and ageing, and ensure dimensional stability in time.



PVC Universal corner pedestrian grill 130

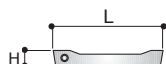
Angle universel grilles pour piscine 130 en PVC

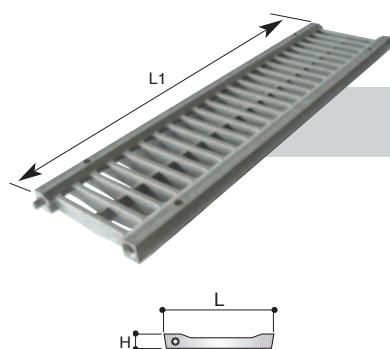


L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Colour	Note
130	250	20	90°	E731803	5/300	White	Universal - one piece moulded
130	250	20	90°	E731804	5/300	Grey	Universal - one piece moulded

Material: PVC - Colour: White RAL 9016 / Grey RAL 7035

Use: pedestrian draining cover for corner channels alongside swimming pools.



**PVC High drainage grill 130***Grille piétonnière 130 en PVC*

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035	Pack.	 I/s	Note
130	500	20	E257704	10/490	3,6	

Material: PVC

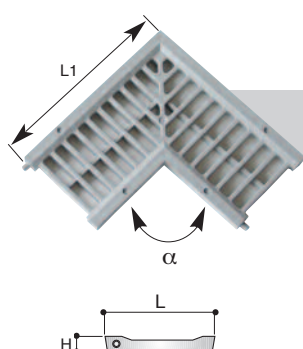
Marking: **CE**Regulation: **EN124 A15** Load class

Use: draining grate for 130 channels.

Features

- antiskid as the knurled surface and the chamfered draining profile avoid water stagnation and ice
- provided with coupling pins
- preset for screw fastening to the channel
- provided with a central stiffening rib.

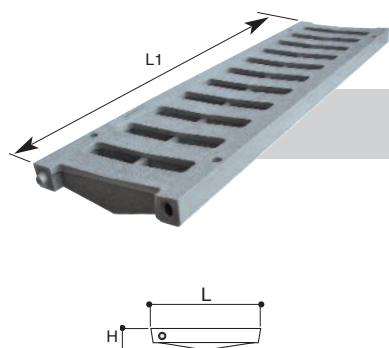
Application field: light duty traffic areas, such as garage fronts, private driveways, yards, pedestrian areas.

**PVC Universal high drainage corner grill 130***Angle universel piétonnier 130 en PVC*

L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Note
130	250	20	90°	E731504	5/300	Universal - one piece moulded

Material: PVC

Use: grating for corner channels.

**PVC Light traffic grill 130***Grille renforcée 130 en PVC*

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035	Pack.	 I/s		Note
130	500	20	W672004	14/10	1,9	50	Class A15

Material: PVC

Marking: **CE**Regulation: **EN124 A15** Load class

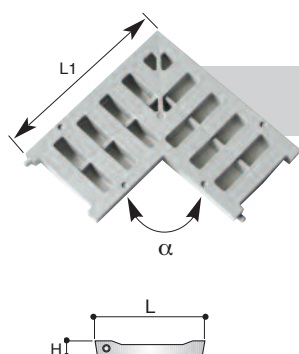
Use: draining light traffic cover for 130 channels.

Features:

- antiskid thanks to the knurled surface
- provided with coupling pins
- preset for screw fastening to the channel
- provided with a central stiffening rib.

Application field: light duty traffic areas, such as garage fronts, private driveways, yards, pedestrian areas.

Important: in the planning stage, the grating breaking load must be scaled down by using a correct safety factor.

**PVC Universal light traffic corner grill 130***Angle universel grille renforcée 130 en PVC*

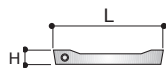
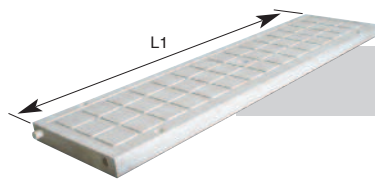
L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Note
130	250	20	90°	E731304	5/300	Universal - one piece moulded

Material: PVC

Use: light duty traffic grating for corner channels.

PVC Walkaway cover 130

Tampon piétonnier 130 en PVC



L (mm)	L1 (mm)	H (mm)	Reference	Pack.	Colour	Note
130	500	20	E681303	10/420	White	
130	500	20	E681304	10/420	Grey	

Material: PVC - Colour: White RAL 9016 / Grey RAL 7035

Marking: **CE**

Regulation: **EN124 A15** Load class

Use: pedestrian cover for 130 channels.

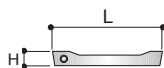
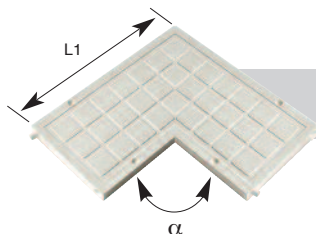
Features:

- antiskid knurled surface
- provided with coupling pins
- preset for screw fastening to the channel.

Application field: pedestrian or light duty traffic areas (bikes and motorbikes).

PVC Universal pedestrian corner cover 130

Angle universel tampon piétonnier 130 en PVC



L (mm)	L1 (mm)	H (mm)	α	Reference	Pack.	Colour	Note
130	250	20	90°	E901303	5/300	White	Universal - one piece moulded
130	250	20	90°	E901304	5/300	Grey	Universal - one piece moulded

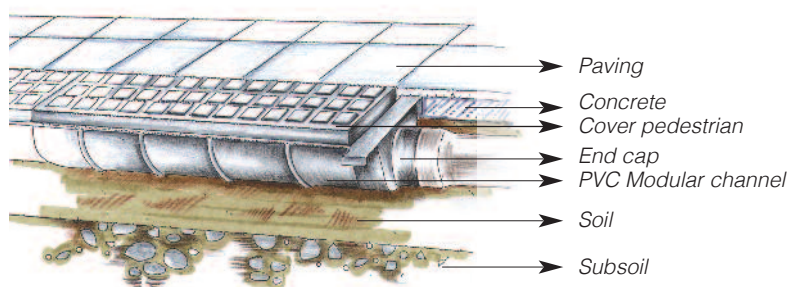
Material: PVC - Colour: White RAL 9016 / Grey RAL 7035

Use: pedestrian covering for corner channels

Examples of installation

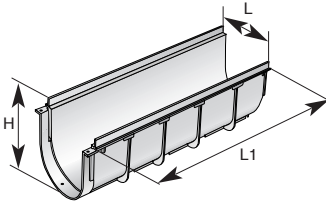


Covered pedestrian or cable covering



PVC High modular channel 200*Corp de caniveau modulaire 200 haut en PVC*

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035	Pack.	Note
200	500	170	E1820A4	10/80	Class A15



Material: PVC

Marking: **CE**Regulation: **EN124 A15** Load class

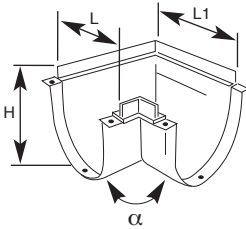
Use: rain and waste water drainage in garages, yards, terraces, balconies, other outdoor areas, public bathrooms and lavatories (gymnasiums, etc.).

Features:

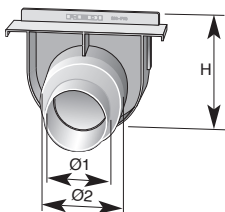
- self-supporting
- modular coupling by pins
- possibility to glue the components to ensure a higher water tightness
- a cover can be fastened by means of self-threading screws (preset holes)

**PVC Universal high corner channel 200***Angle universel de caniveau 200 haut en PVC*

L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Note
200	250	170	90°	E7320A4	5/60	Universal - one piece moulded

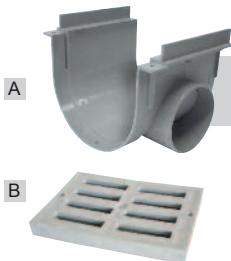
**PVC High version end cap-outlet 200***Fond naissance 200 haut en PVC*

L (mm)	H (mm)	Ø1 (mm)	Ø2 (mm)	Reference Grey Ral 7035	Pack.	Note
200	170	80	100	E1720A4	10/330	
200	170	75	110	E1722A4	10/330	



Material: PVC

Use: end cap for high channels 200 (easy-to-open outlet).

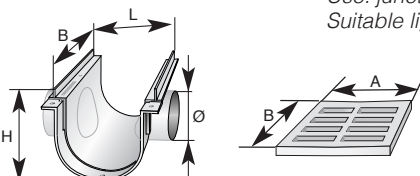
PVC High junction channel with grill 200*Naissance centrale haute avec grille 200 en PVC*

L (mm)	H (mm)	Ø (mm)	A (mm)	B (mm)	Reference Grey Ral 7035	Pack.	Note
200	170	100	-	145	E1620A4	10/140	A
-	-	-	196	145	E216004	10	B

Material: PVC

Use: junction and drainage components for high channel 200 (easy-to-open outlet).

Suitable light duty traffic grate available.



PVC Low modular channel 200

Caniveau 200 bas en PVC



L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035	Pack.	Note
200	500	94	E1821B4	10/120	Class A15

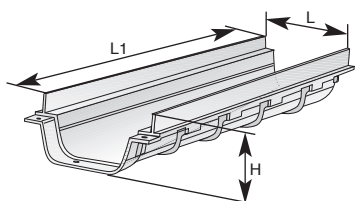
Material: PVC

Marking: **CE**

Use: rain water drainage in garages, yards, terraces, balconies, multi-storeyed car parks.

Features:

- self supporting
- modular coupling by pins
- possibility to glue the components to ensure a higher water tightness
- a cover can be fastened by means of self-threading screws (preset holes).

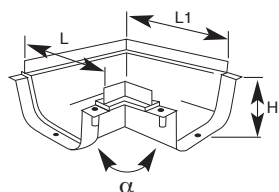


PVC Universal low corner channel 200

Angle universel de caniveau 200 en PVC



L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Note
200	250	97	90°	E7320B4	5/120	Universal - one piece moulded

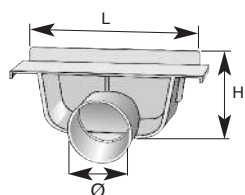


PVC Low version end cap-outlet 200

Fond naissance 200 en PVC



L (mm)	H (mm)	$\varnothing$	Reference Grey Ral 7035	Pack.	Note
200	97	75	E1719B4	10/300	
200	97	80	E1721B4	10/300	



Material: PVC

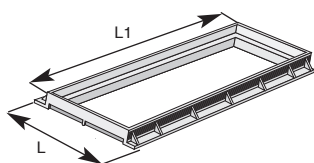
Use: end cap for low channel 200 (easy-to-open outlet).

PVC Frame for light traffic covers and grates 200

Cadre modulaire pour caniveau 200 en PVC

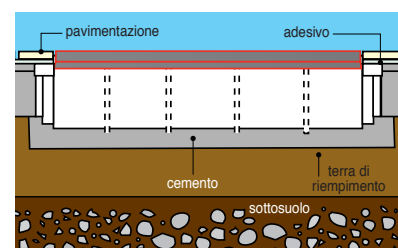


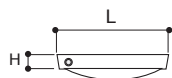
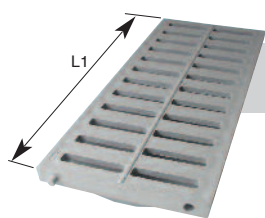
L (mm)	L1 (mm)	Reference Grey Ral 7035	Pack.	Note
200	500	E250504	10/120	Modular



Materiale: PVC

Use: to house grates or covers for closing concrete channels or other special applications.





PVC Light traffic grill 200

Grille renforcée 130 en PVC

L (mm)	L1 (mm)	H (mm)	Reference	Pack.	 I/s		Colour	Note
200	500	20	0219004	10/140	2,8	61	Grey	Class A15
200	500	20	0219003	5/160	2,8	61	White	Class A15

Material: PVC - Colour: White RAL 9016 - Grey RAL 7035

Marking: **CE**

Regulation: **EN124 A15** Load class

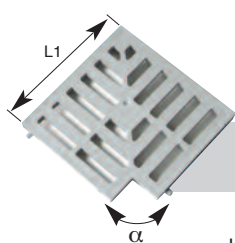
Use: light duty traffic draining grate for 200 channels

Characteristic:

- antiskid as the knurled surface and the chamfered draining profile avoid water stagnation and ice
- provided with coupling pins
- provided with a central stiffening rib.

Application field: light duty traffic areas, such as garage fronts, private driveways, yards, pedestrian areas.

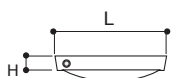
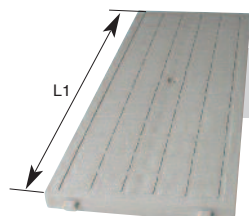
IMPORTANT: in the planning stage, the grate breaking load must be scaled down by using a correct safety factor.



Universal corner grill for channels 200

Angle universel grille renforcée 130

L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Note
200	250	20	90°	E732004	5/300	Universal - one piece moulded



PVC Light traffic cover 200

Tampon renforcé 200 en PVC

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035	Pack.	Note
200	500	20	E259004	6/138	

Material: PVC

Marking: **CE**

Regulation: **EN124 A15** Load class

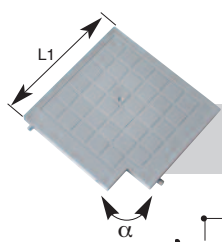
Use: light duty traffic cover for 200 channels.

Characteristic:

- antiskid as the knurled surface and the chamfered draining profile avoid water stagnation and ice
- provided with coupling pins.

Application field: light duty traffic areas, such as garage fronts, private driveways, yards, pedestrian areas.

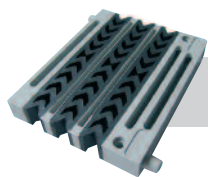
IMPORTANT: in the planning stage, the cover breaking load must be scaled down by using a correct safety factor.



PVC Universal corner cover 200

Angle universel tampon renforcé 200 en PVC

L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035	Pack.	Note
200	250	20	90°	E255604	5/300	Universal - one piece moulded



Expansion joint 130

Joint de dilatation 130

Dim. (mm)	Reference Grey Ral 7035	Pack.	Note
130x(85÷100)	ZED13PP	1/50	

Material: PP + Rubber

Use: Thanks to its injected rubber inserts, it compensates any possible expansion due to temperature ranges and ensures high durability in any year season.

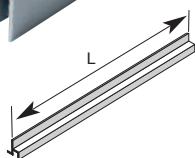
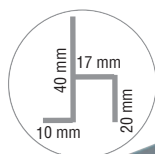
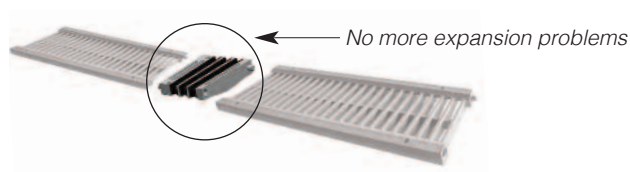
Benefits:

- preset holes for screw anchors (recommended process)

- an expansion joint is to be inserted every 5/6 grates or covers to ensure the best performance.

Suitable for all grates and covers 130.

PVC thermal extension coefficient = 0,07 mm/mt for $\Delta 1^{\circ}\text{C}$



PVC Universal slide guide for channels

Profilé pour caniveaux en PVC

L (meters)	Reference Grey Ral 7035	Pack.	Note
2,5	EAUMO04	1	

Suitable for pedestrian covers and grills dims. 200x200, 300x300, 350x350

Suitable for pedestrian gratings and covers dims. 130x500, 200x500