



Modular drainage channels

Drainage channel installation instructions

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



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



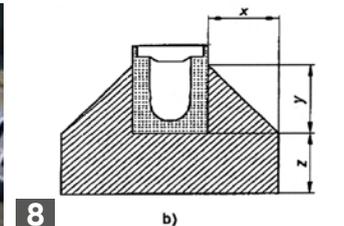
5
Put the grills on the channels



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 EN1433, bind the grill 130 x 1000 to the channels 130 x 1000/52-70-90-130 internal height

Grill description	Channel dimensions*	Channel height*	Concrete RCK 450 (mm)			Trench dimensions (to be added to channel sizes mm)		
			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



PP Slot grill 130x500

Grille fente 130x500 en PP - Rejilla ranurada 130x500 en PP

Dim (mm)	H int. (mm)	Dim slot (mm)	Reference				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

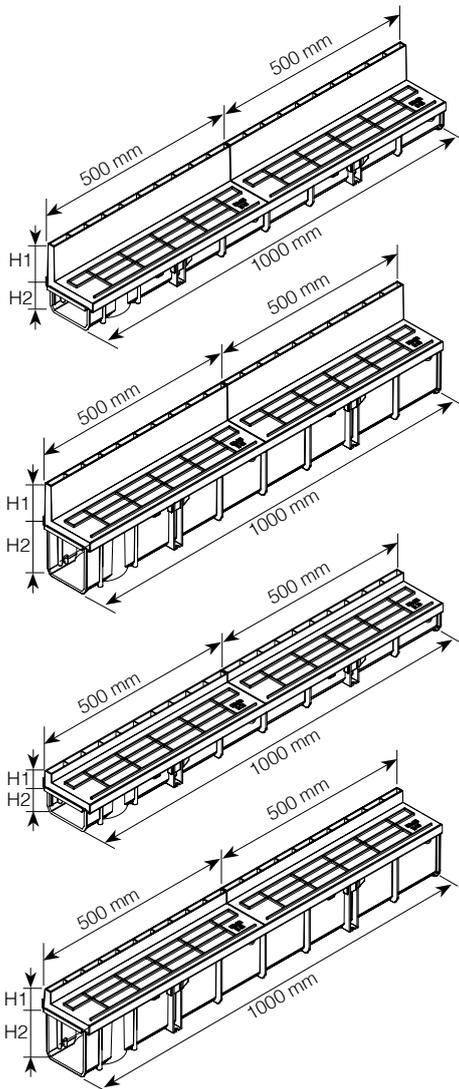
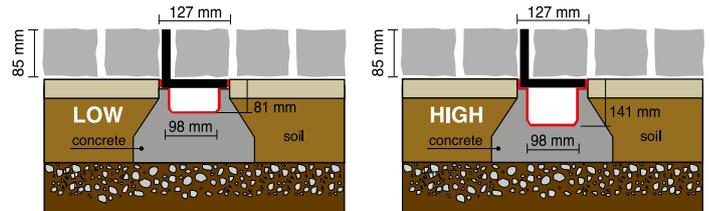
KIT: 2 high slot grills with 1 PP channel 130x1000

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

Kit: 2 Rejillas ranuradas altas con canaleta 130x1000 en PP

Dim (mm)	H 1 (mm)	H 1 (mm)	Dim. Slot (mm)	Reference			Note
130x1000	85	70	8x49	EGF15PP	1	55	2 slot grill 1 channel LOW
130x1000	85	130	8x49	EGF20PP	1	30	2 slot grill 1 channel HIGH

Material: PP - Black colour



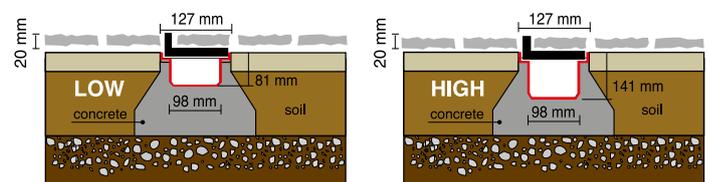
KIT: 2 LOW slot grills with 1 PP channel 130x1000

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

Kit: 2 Rejillas ranuradas bajas con canaleta 130x1000 en PP

Dim (mm)	H 1 (mm)	H 1 (mm)	Dim. Slot (mm)	Reference			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



Modular drainage channels

H130 "C" shaped profile



Note:
1 x vertical outlet
predisposition (pag. 222)



Grate locking device
applicable (pag. 222)



PP channel 130x1000 with "C" section grate Caniveau 130x1000 section "C" en PP avec grille Canal 130x1000 sección "C" en PP con rejilla

Type	Dim (mm)	H (mm)	Reference			Characteristic	Lock system
A	130x1000	130	ECAZNPP	1	60	Galvanized steel grill A15 EN1433	Lock system
B	130x1000	130	ECAIXPP	1	60	Stainless steel grill	Lock system
C	130x1000	130	ECCZNPP	1	60	Galvanized steel grill, square mesh 33 x 33 mm B125 EN1433	Lock system
D	130x1000	130	ECCIXPP	1	60	PP black heel proof grill A15 EN1433	Predispose for locking system
E	130x1000	130	ECCPP0V	1	30	Green RAL 6005 heel proof grill A15 EN1433	Predispose for locking system

Tested by "MASINI Research and Testing Institute"



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 driverways, pedestrian areas. Grate locking device applicable.

PP junction channel 130 with "C" section grate Angle caniveau 130 section "C" en PP avec grille Cruceta 130 sección "C" en PP con rejilla

Dim (mm)	H (mm)	Reference			Characteristic
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	160	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

PVC end cap outlet 130 Fond/naissance 130 en PVC - Tapón 130 con salida en PVC

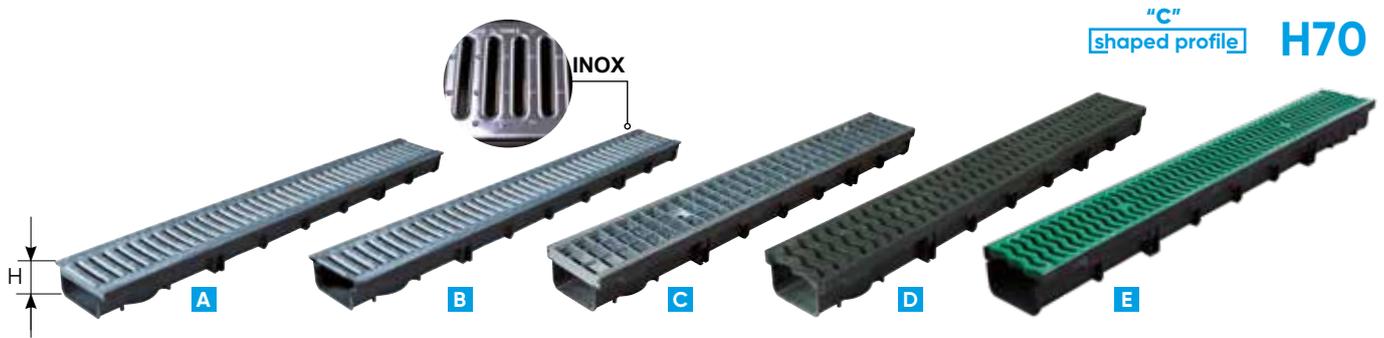
Dim (mm)	H (mm)	Ø Outlet	Reference			Note
130	130	100	E1712PP	10	600	
130	130	110*	E1714PP	10	600	*Offset

Material: PVC - Black colour

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



Easy to open



"C" shaped profile H70

Note:
1 x vertical outlet
predisposition (pag. 222)



Grate locking device
applicable (pag. 222)



PP channel 130x1000 with "C" section grate
Caniveau 130x1000 section "C" en PP avec grille
Canal 130x1000 sección "C" en PP con rejilla

Type	Dim (mm)	H (mm)	Reference			Characteristic	Lock system
A	130x1000	70	ECBZNPP	1	105	Galvanized steel grill A15 EN1433	Lock system
B	130x1000	70	ECBIXPP	1	105	Stainless steel grill	Lock system
C	130x1000	70	ECDZNPP	1	105	Galvanized steel grill, square mesh 33 x 33 mm B125 EN1433	Lock system
D	130x1000	70	ECDIXPP	1	105	PP Black heel proof grill A15 EN1433	Predispose for locking system
E	130x1000	70	ECDPPOV	1	105	PP Green RAL 6005 heel proof grill A15 EN1433	Predispose for locking system

Tested by "MASINI Research and Testing Institute"

Marking: **CE**

Grating: class A15 EN1433

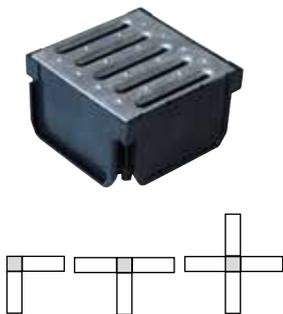
Use: rain water drainage in pedestrian areas and light traffic areas. Grate locking device applicable.

Grating: class B125 EN1433

Use: rain water drainage. Especially designed for light duty traffic areas, such as garage fronts, private

driverways, pedestrian areas. Grate locking device applicable.

PP junction channel 130 with "C" section grate
Angle caniveau 130 section "C" en PP avec grille
Cruceta 130 sección "C" en PP con rejilla



Dim (mm)	H (mm)	Reference			Characteristic
130	70	EAC70PP	10	-	Corner with galvanized steel grill
130	70	EAC71PP	10	320	Corner with PP Black heelproof grill (Type D)
130	70	EAC710V	10	320	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



PVC end cap outlet 130
Fond/naissance 130 en PVC - Tapón 130 con salida en PVC

Dim (mm)	H (mm)	Ø Outlet	Reference			Note
130	70	50	E1718PP	10	1.280	

Material: PVC - Black colour

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

Modular drainage channels

"T" shaped profile **H52**



Note:

1 x vertical outlet predisposition (pag. 222)



PP channel 130x1000 with "T" section grate

Caniveau bas 130x1000 section "T" en PP avec grille en acier galvanisé
Canal bajo 130x1000 sección "T" en PP con rejilla de acero galvanizado

Type	Dim (mm)	H (mm)	Ref.			Characteristic	Lock system
A	130x1000	52	WCB13PP	1	105	Galvanized steel grill A15 EN1433	Interlock
B	130x1000	52	WCD13PP	1	105	Galvanized steel grill, square mesh 33 x 33 mm B125 EN1433	Free

Tested by "MASINI Research and Testing Institute"

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 driverways, pedestrian areas. Grate locking device not applicable.

PP junction channel 130 with "T" section grate

Angle caniveau 130 section "T" en PP avec grille
Cruceta 130 sección "T" en PP con rejilla



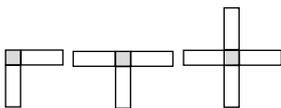
Dim (mm)	H (mm)	Ø Outlet	Reference			Note
130	52	40	EAU13PP	10	480	

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



PVC end cap outlet 130

Fond/naissance 130 en PVC - Tapón 130 con salida en PVC



Dim (mm)	H (mm)	Ø Outlet	Reference			Note
130	52	40	W6817PP	10	950	

Material: PVC - Black colour

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

H90 "T"
shaped profile



PP channel 130x1000 with "T" section grate (vertical outlet)
Caniveau 130x1000 section "T" en PP avec grille
Canal 130x1000 sección "T" en PP con rejilla (con salida vertical)

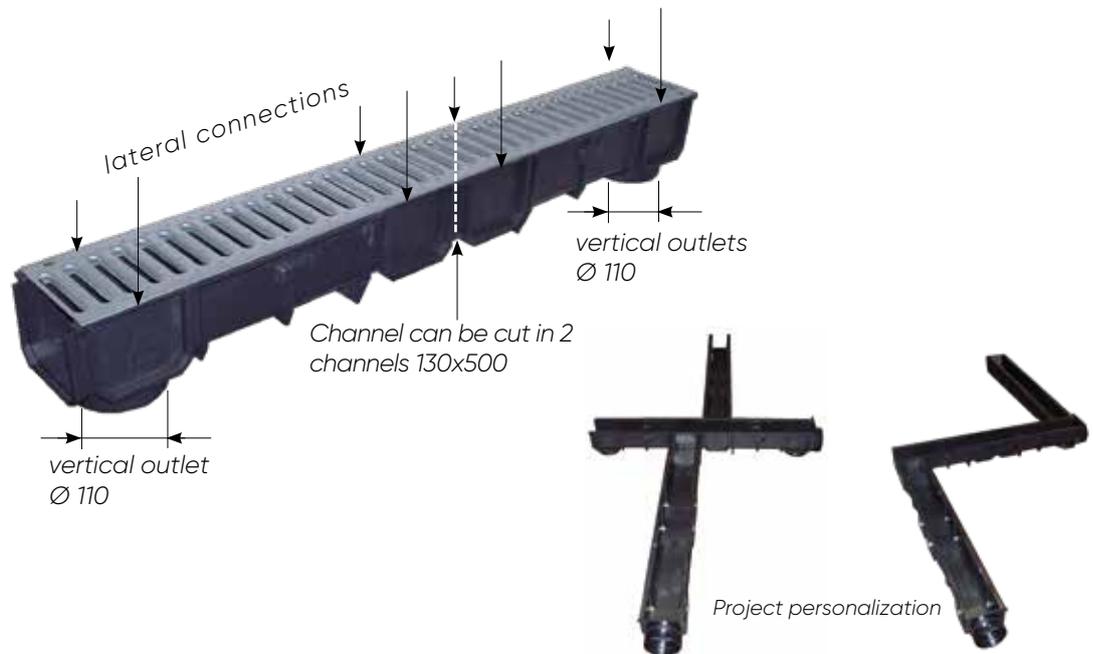
Type	Dim (mm)	H (mm)	Reference			Characteristic	Lock system
A	130x1000	90	WCA13PP	1	60	Galvanized steel grill A15 EN1433	Interlock

Tested by "MASINI Research and Testing Institute"

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.



PVC end cap outlet 130

Fond/naissance 130 en PVC - Tapón 130 con salida en PVC

Dim (mm)	H (mm)	Ø Outlet	Reference			Characteristic
130	90	110*	W6816PP	10	-	*Offset

Material: PVC - Black colour

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



PVC Connector for vertical outlet 130

Piquages sortie verticale 130 en PVC - Conector para salida vertical

Dim (mm)	Ø	Reference			Note
130	100	EBU1008	10	480	
130	110	EBU1108	10	520	

Material: PVC - 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 - Bloqueo para rejilla (con tornillo)

Dim (mm)	Reference			Note
130x1000	W6820FX	10	-	



Universal leaf-guard

Crapaudine - Filtro atrapa hojas

Ø	Reference			Note
100-110	WGPAF00	10	-	

Spare parts - Pièces de rechange - Repuestos

A15 Grill "C"- shaped profile

A15 Grille profil "C" - A15 rejilla sección "C"



Dim (mm)	H (mm)	Reference			Material	Note
130x1000	20	EGRZA15	1	100	Galvanized steel	"C" shaped profile
130x1000	20	EGRAA15	1	500	Stainless steel	"C" shaped profile

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

B125 Galvanized steel grill "C"- shaped profile

B125 Grille galvanisée profil "C"

B125 Rejilla acero galvanizado perfil "C"



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

* Subject to availability of stocks

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

C250 Galvanized steel grill "C" shaped profile

C250 Grille galvanisée profil "C"

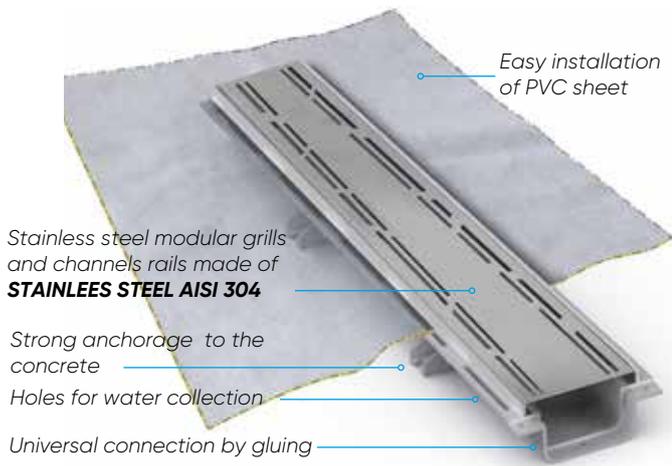
C250 Rejilla acero galvanizado perfil "C"



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

* Subject to availability of stocks

Note: The length of the metal grille is 997 ± 1m 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.

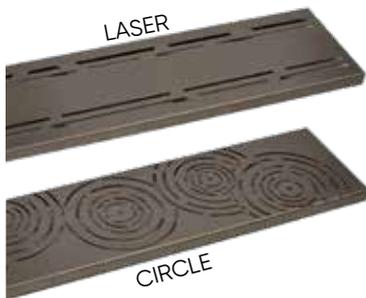
- Characteristic:
- Modular PVC channel 100x500 mm.
 - Height 50 mm.
 - PVC outlet \varnothing 40 mm.
 - PVC Universal corner 100x250 mm.
 - Community design

 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)

Rejilla "Design" 100 (acero inoxidable cromado AISI 304)



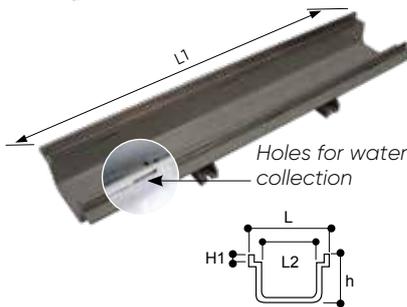
Dim (mm)		Reference			Design Type	Note
100x500	0,8	EZ10GLA	1	-	LASER	
100x500	1,1	EZ10GCI	1	-	CIRCLE	

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)

Canaleta baja 100 (rieles de acero inoxidable AISI 304)



L (mm)	L1 (mm)	L2 (mm)	H (mm)	H1 (mm)	Reference			Note
100	500	96	50	12	Grey Ral 7035 EZ10CAI	1	168	Screwed stainless steel rails

Universal corner 100 with "Laser" design grill

Angle universel 100 avec grille design "Laser"

Ángulo canaleta 100 con rejilla de diseño "Laser"



Dim (mm)	Reference			Note
100x250	Grey Ral 7035 EZ10ALA	1	120	Stainless steel AISI 304 grill

Universal corner 100 with "Circle" design grill

Angle universel 100 avec grille design "Circle"

Ángulo canaleta 100 con rejilla de diseño "Circle"

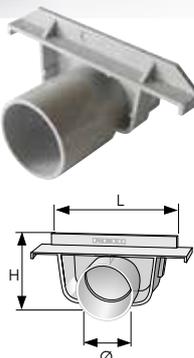


Dim (mm)	Reference			Note
100x250	Grey Ral 7035 EZ10ACI*	1	120	Stainless steel AISI 304 grill

* Available on demand, after feasibility check

PVC Low end cap outlet 100

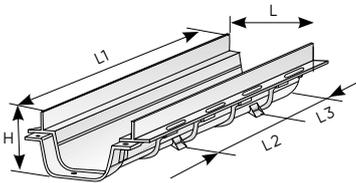
Fond/naissance 100 bas en PVC - Tapón 100 bajo con salida



L (mm)	H (mm)	\varnothing (mm)	Reference			Note
100	50	50*	Grey Ral 7035 E1710B4	10	1.280	*Offset

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

Modular drainage channels



PVC Low modular channel 100

Corps de caniveau modulaire 100 bas en PVC
Canaleta 100 de altura reducida en PVC

L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	H (mm)	Reference Grey Ral 7035			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 $\varnothing 63$ (easy perforation)
- End cap (outlet diameter 50)
- Possibility to glue the components to ensure water tightness.

Low modular channel 100 with vertical outlet $\varnothing 63$

Corps de caniveau modulaire 100 bas (sortie verticale $\varnothing 63$)
Canaleta 100 de altura reducida en PVC (salida vertical $\varnothing 63$)

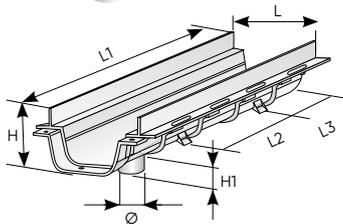
L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	H (mm)	H1 (mm)	\varnothing (mm)	Reference Grey Ral 7035			Note
100	500	200	150	50	15	63	E1811B4	10	240	

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 $\varnothing 63$ male (easy perforation)
- End cap (outlet diameter 50)
- Possibility to glue the components to ensure water tightness.



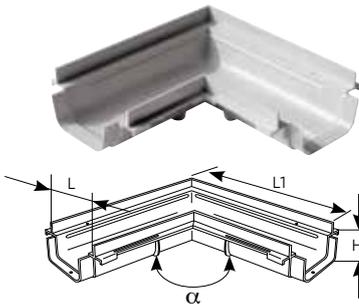
PVC Low universal corner channel 100

Angle universel corps de caniveau 100 bas en PVC
Ángulo canaleta 100 de altura reducida en PVC

L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035			Note
100	250	50	90°	E162504	5	150	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.



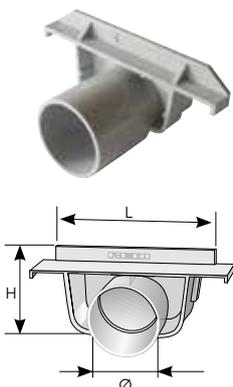
PVC Low end cap-outlet 100

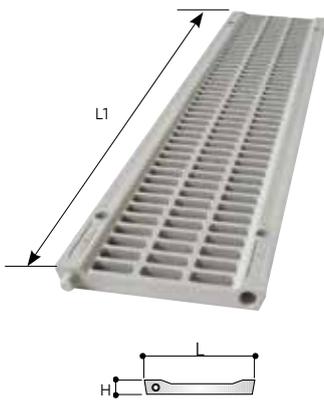
Fond/naissance 100 bas en PVC
Tapón 100 de altura reducida con salida en PVC

L (mm)	L1 (mm)	\varnothing (mm)	Reference Grey Ral 7035			Note
100	50	50*	E1710B4	10	1.280	*Offset

Material: PVC

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





PVC Universal pedestrian "heel-proof" grill 100
Grille piétonnière "anti-talon" 100 en PVC
Rejilla peatonal 100 en PVC

L (mm)	L1 (mm)	H (mm)	L/s	>15	Reference Grey Ral 7035			Note
100	500	12	2,3	>15	E2510B4	10	1.040	

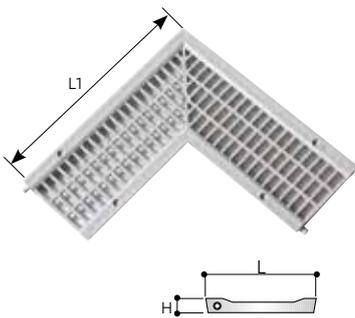
Material: PVC

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.

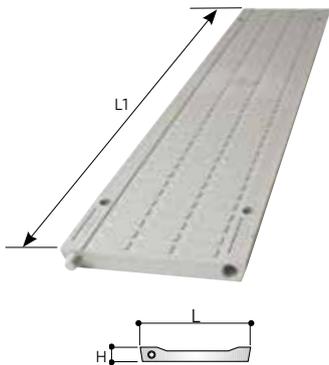


PVC Universal pedestrian "heel-proof" corner grating 100
Angle universel grille piétonnière "anti-talon" 100 en PVC
Ángulo rejilla peatonal 100 en PVC

L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035			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 - Tapa peatonal 100 en PVC

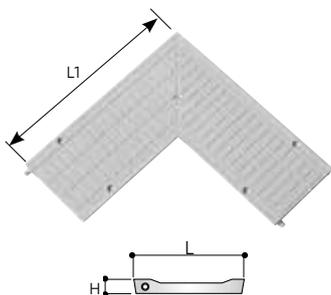
L (mm)	L1 (mm)	H (mm)	>15	Reference Grey Ral 7035			Note
100	500	12	>15	E2555B4	10	1.040	

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
Ángulo tapa peatonal 100 en PVC

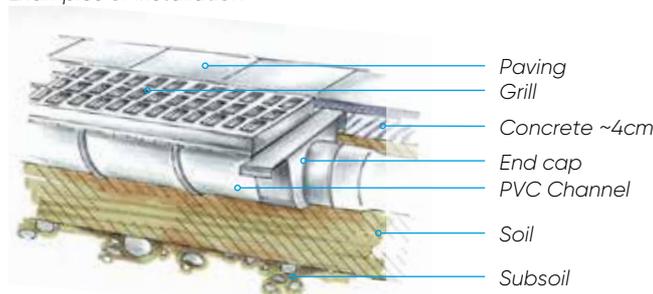
L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035			Note
100	250	12	90°	E721104*	5	300	Universal - one piece moulded

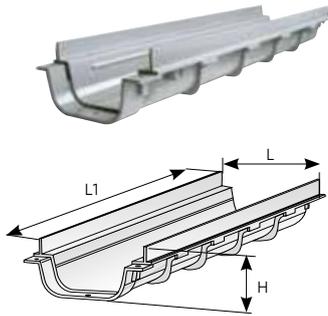
* Subject to availability of stocks

Material: PVC

Use: Pedestrian covering for corner channels.

Examples of installation





PVC Low modular channel 130

Corp de caniveau modulaire 130 bas en PVC
Canaleta 130 de altura reducida en PVC

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035			Note
130	500	70	E1813B4	10	240	

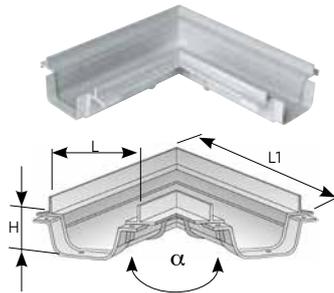
Material: PVC

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 Low universal corner channel 130

Angle universel corp de caniveau 130 bas en PVC
Ángulo canaleta 130 de altura reducida en PVC

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

Material: PVC



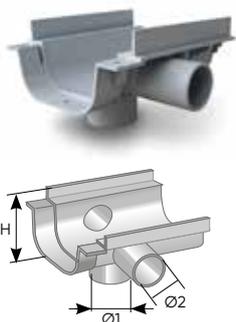
PVC Low end cap-outlet 130

Fond/naissance 130 bas en PVC
Tapón 130 de altura reducida con salida de PVC

L (mm)	L1 (mm)	Ø (mm)	Reference Grey Ral 7035			Note
130	67	40	E1713B4	10	950	

Material: PVC

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



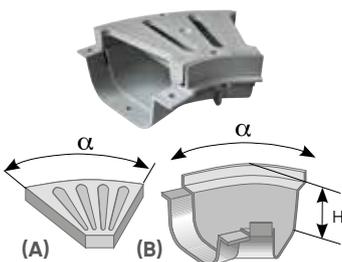
PVC Low junction channel 130

Naissance centrale 130 basse en PVC - Unión canaleta 130 de altura reducida y salida lateral/vertical en PVC

Ø1 (mm)	Ø2 (mm)	H (mm)	Reference Grey Ral 7035			Note
50	40	70	E1613B4	10	330	

Material: PVC

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



PVC Low junction channel 130

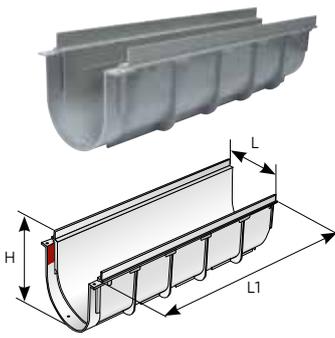
Naissance centrale 130 basse en PVC
Ángulo canaleta 130 de altura reducida y rejilla en PVC

Dim (mm)	H (mm)	α	Reference Grey Ral 7035			Type	Note
50	-	45°	W7214B4*	10	1.280	A	
-	70	45°	E1614B4*	10	400	B	

* Available on demand, after feasibility check

Material: PVC

Use: corner junction for low channel 130 with grate.



PVC High modular channel 130
Corps de caniveau modulaire 130 haut en PVC
Canaleta 130 alta en PVC

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035			Note
130	500	134	E1813A4	10	120	

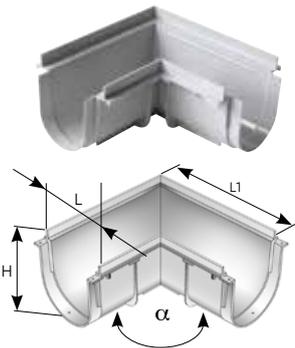
Material: PVC

Marking: **CE**

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

Features:

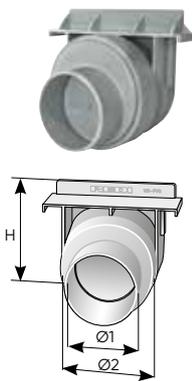
- self supporting
- modular joint by pins
- possibility to glue the components to ensure water tightness
- a cover can be fastened by means of self-threading screw (pre-set holes).



PVC Universal high corner channel 130
Angle universel de caniveau 130 haut en PVC
Ángulo canaleta 130 alta en PVC

L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035			Note
130	250	134	90°	E731704	5	80	Universal - one piece moulded

Material: PVC

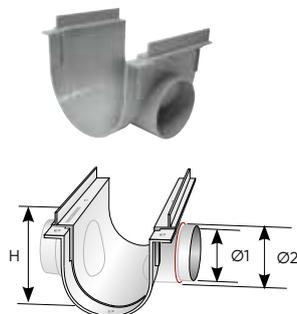


PVC high end cap-outlet 130
Fond/naissance 130 haut en PVC
Tapón 130 alto con salida en PVC

H (mm)	Ø1 (mm)	Ø2 (mm)	Reference Grey Ral 7035			Note
131	80	100	E1713A4	15	495	
131	75	110	E1711A4	15	360	

Material: PVC

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



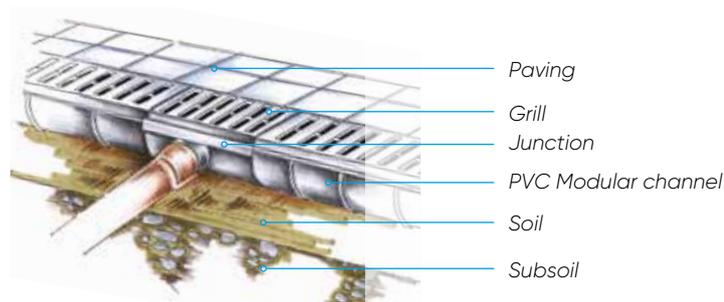
PVC High junction channel 130
Naissance centrale 130 haute en PVC
Unión canaleta con salida lateral 130 alta en PVC

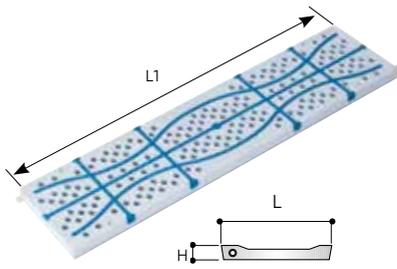
H (mm)	Ø1 (mm)	Ø2 (mm)	Reference Grey Ral 7035			Note
134	75	80	E1613A4	10	120	

Material: PVC

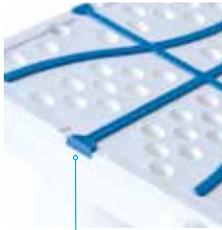
Use: Junction and drainage component for high channels 130 mm (easy-to-open outlet).

Examples of installation

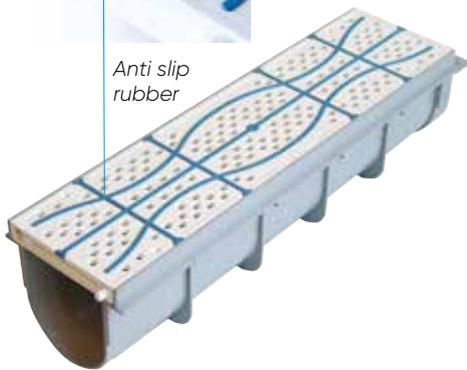




safeSTEP
by **REDI**



Anti slip rubber



PVC Anti slip grill 130

Grilles pour piscine antidérapant 130 en PVC

Rejilla peatonal antideslizante 130 en PVC

L (mm)	L1 (mm)	H (mm)	Reference			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.

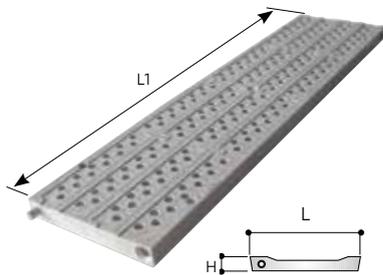
No coating or extra treatment needed.

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

SAFESTEP means safety and design!



Examples of installation



PVC Walkaway grill standardized for swimming pools 130

Grilles pour piscine 130 en PVC

Rejilla para piscina 130 en PVC

L (mm)	L1 (mm)	H (mm)	Reference				Colour	Note
130	500	20	W721503	10	420	1,2	White	
130	500	20	W721504	10	420	1,2	Grey	

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

Marking: **CE**

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

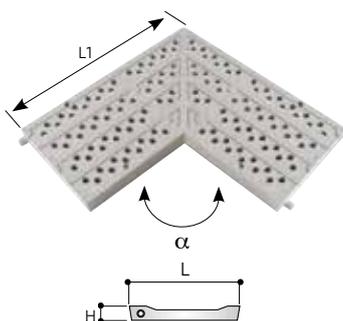
Application field: pedestrian areas.

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

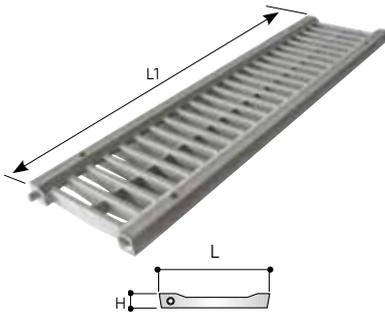
Ángulo rejilla para piscina 130 en PVC



L (mm)	L1 (mm)	H (mm)	α	Reference			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
Rejilla peatonal 130 en PVC

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035			 L/S	Note
130	500	20	E257704	10	420	3,6	

Material: PVC

Marking: **CE**

Regulation: **EN124 A15** Load class

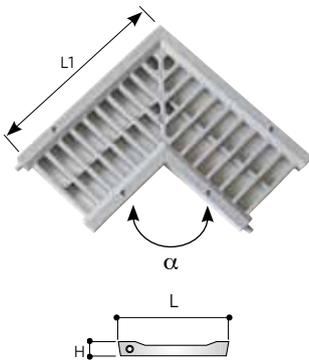
Use: draining grate for 130 channels.

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.

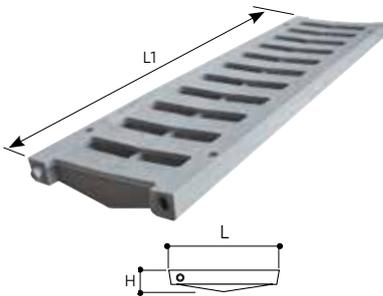


PVC Universal high drainage corner grill 130
Angle universel piétonnier 130 en PVC
Ángulo rejilla peatonal 130 en PVC

L (mm)	L1 (mm)	H (mm)	α	Reference Grey Ral 7035			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 - Rejilla reforzada 130 en PVC

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035			 L/S		Note
130	500	20	W672004	10	360	1,9	50	Class A15

Material: PVC

Marking: **CE**

Regulation: **EN124 A15** Load class

Use: draining light traffic cover for 130 channels.

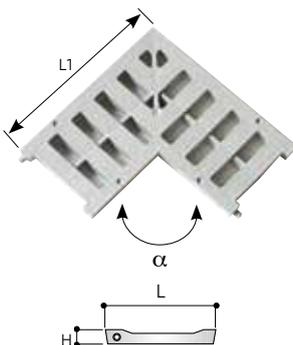
Features:

- 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.



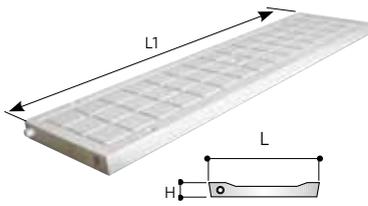
PVC Universal light traffic corner grill 130
Angle universel grille renforcée 130 en PVC
Ángulo rejilla reforzada 130 en PVC

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

Material: PVC

Use: light duty traffic grating for corner channels.

Modular drainage channels



PVC Walkaway cover 130

Tampon piétonnier 130 en PVC Tapa peatonal 130 en PVC

L (mm)	L1 (mm)	H (mm)	Reference			Colour	Note
130	500	20	E681303	10	420	White	
130	500	20	E681304	10	360	Grey	

* Available on demand, after feasibility check

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

Marking: **CE**

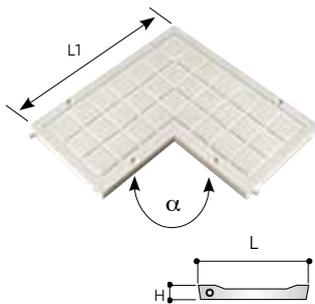
Regulation: **EN124 A15** Load class

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 Ángulo tapa peatonal 130 en PVC

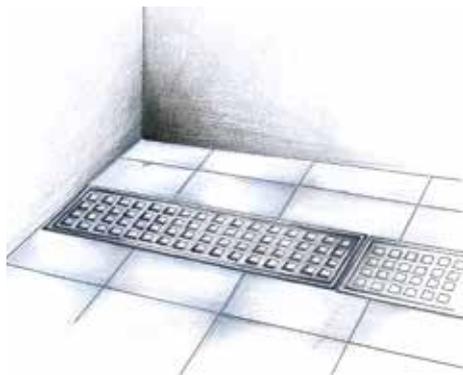
L (mm)	L1 (mm)	H (mm)	α	Reference			Colour	Note
130	250	20	90°	E901303*	5	300	White	Universal - one piece moulded
130	250	20	90°	E901304*	5	300	Grey	Universal - one piece

* Available on demand, after feasibility check

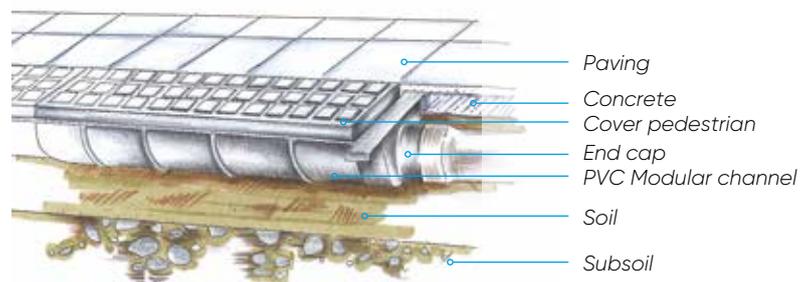
Material: PVC - Colour: White RAL 9016 / Grey RAL 7035

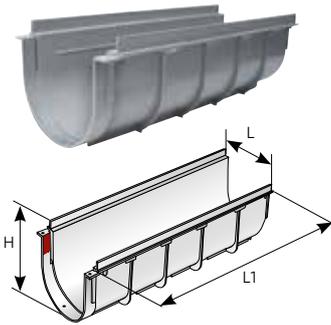
Use: pedestrian covering for corner channels

Examples of installation



Covered pedestrian or cable covering





PVC High modular channel 200

Corps de caniveau modulaire 200 haut en PVC
Canaleta 200 alta en PVC

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

Material: PVC

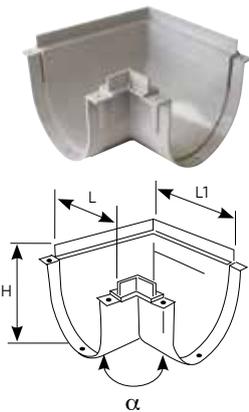
Marking: **CE**

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)

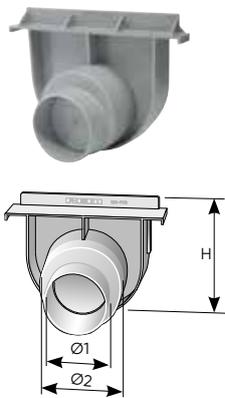


PVC Universal high corner channel 200

Angle universel de caniveau 200 haut en PVC
Ángulo canaleta 200 alta en PVC

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

* Subject to availability of stocks



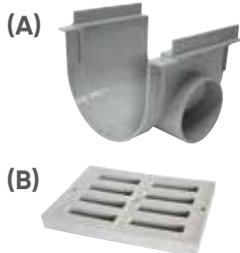
PVC High version end cap-outlet 200

Fond naissance 200 haut en PVC
Tapón 200 alto con salida en PVC

L (mm)	H (mm)	Ø1 (mm)	Ø2 (mm)	Reference Grey Ral 7035			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

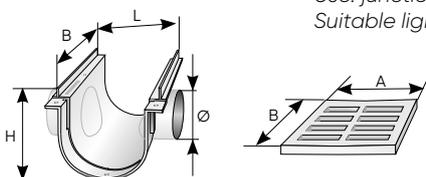
Naissance centrale haute avec grille 200 en PVC
Unión canaleta con salida lateral alta 200 y rejilla en PVC

L (mm)	H (mm)	Ø (mm)	A (mm)	B (mm)	Reference Grey Ral 7035			Note
200	170	100	-	145	E1620A4	10	140	A
-	-	-	196	145	E216004	10	1.280	B

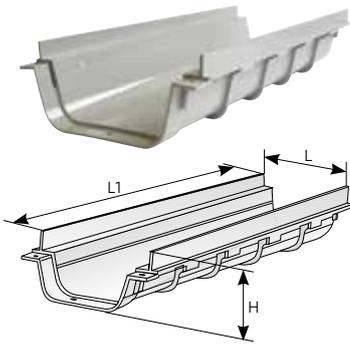
Material: PVC

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

Suitable light duty traffic grate available.



Modular drainage channels



PVC Low modular channel 200

Caniveau 200 bas en PVC

Canaleta 200 de altura reducida en PVC

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

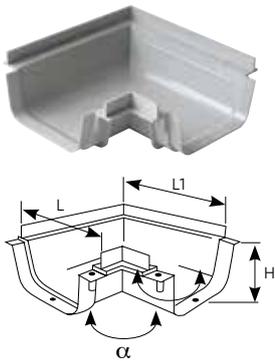
Material: PVC

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

Ángulo canaleta 200 de altura reducida en PVC

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

* Subject to availability of stocks



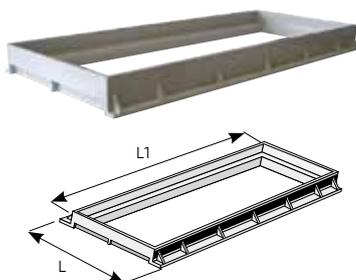
PVC Low modular channel 200

Caniveau 200 bas en PVC - Tapón 200 bajo con salida en PVC

L (mm)	L1 (mm)	\varnothing	Reference Grey Ral 7035			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

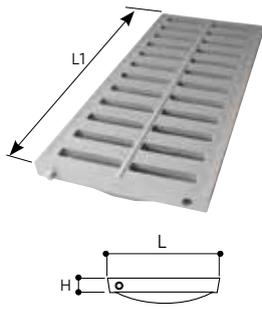
Cadre modulaire pour caniveau 200 en PVC

Cerco para canaleta 200 en PVC

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

Material: PVC

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



PVC Light traffic grill 200

Grille renforcée 200 en PVC - Rejilla reforzada 200 en PVC

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035					Colour	Note
200	500	20	0219004	10	140	2,8	61	Grey	Class A15
200	500	20	0219003	10	140	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

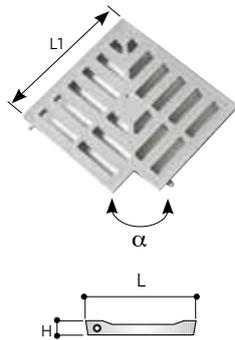
Characteristic:

- 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 200

Ángulo rejilla reforzada 200 en PVC

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

* Available on demand, after feasibility check



PVC Light traffic cover 200

Tampon renforcé 200 en PVC - Tapa reforzada 200 en PVC

L (mm)	L1 (mm)	H (mm)	Reference Grey Ral 7035			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.



Expansion joint 130

Joint de dilatation 130 - Rejilla de dilatación 130

Dim. (mm)	Reference Grey Ral 7035			Note
130x(85÷100)	ZED13PP	1	1.200	

Material: PP + Rubber

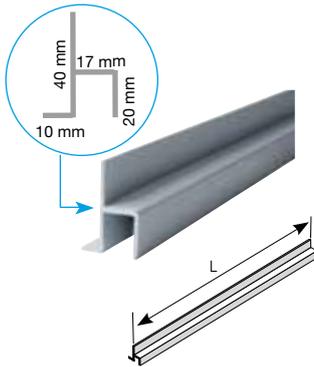
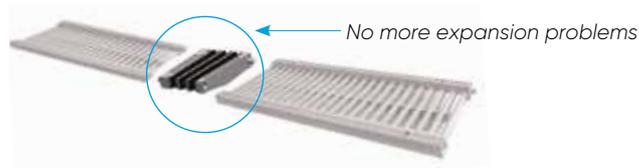
Use: Thanks to its injected rubber inserts, it compensates any possible expansion due to temperature ranges and ensures high durability in any year season.

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

Riel para canaleta en PVC

L (meters)	Reference			Note
2,5	EAUMO04	1	-	

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

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