

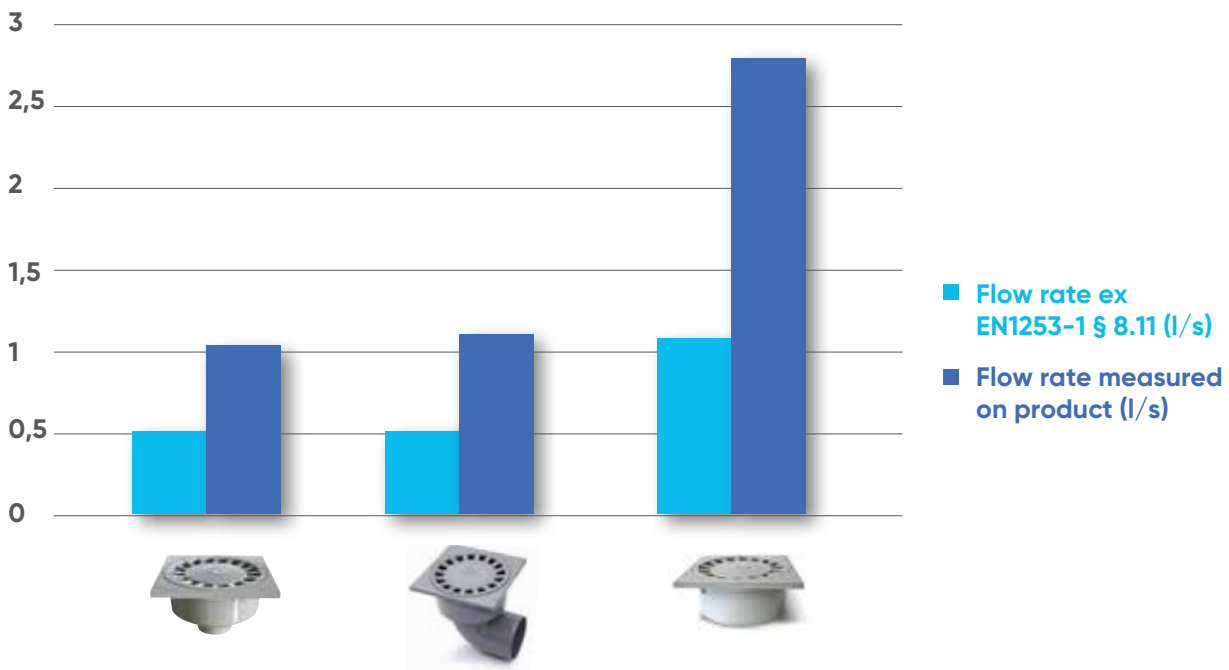
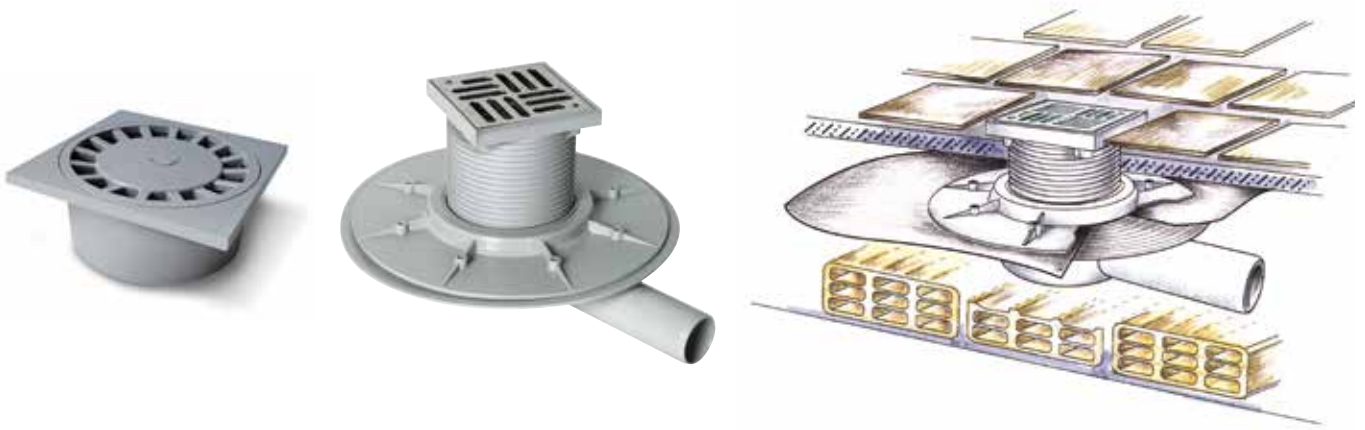
Floor Drains

REDI



2.4 FLOOR DRAINS

Floor Drains: the best solution for all drainage applications



REDI products performances are proved and certified by strict laboratory tests.

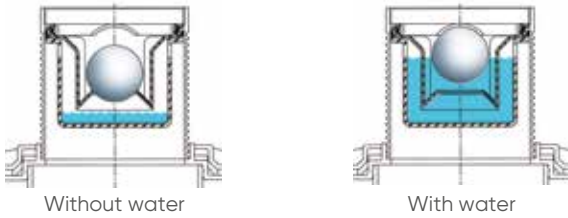
Tests for defining the drainage flow rate: carried out in compliance to EN 1253-1 norm, par. 8.11. In this catalogue's "Products" section, the drainage flow rate is expressed in liters per second the symbol:



Discharge capacity test

IT WORKS EVEN WITHOUT WATER!

The dry trap prevents any bad smell even without water seal. For rain and waste water collection. Especially designed for balconies, terraces and in all cases of low concrete slabs.



Advantages:

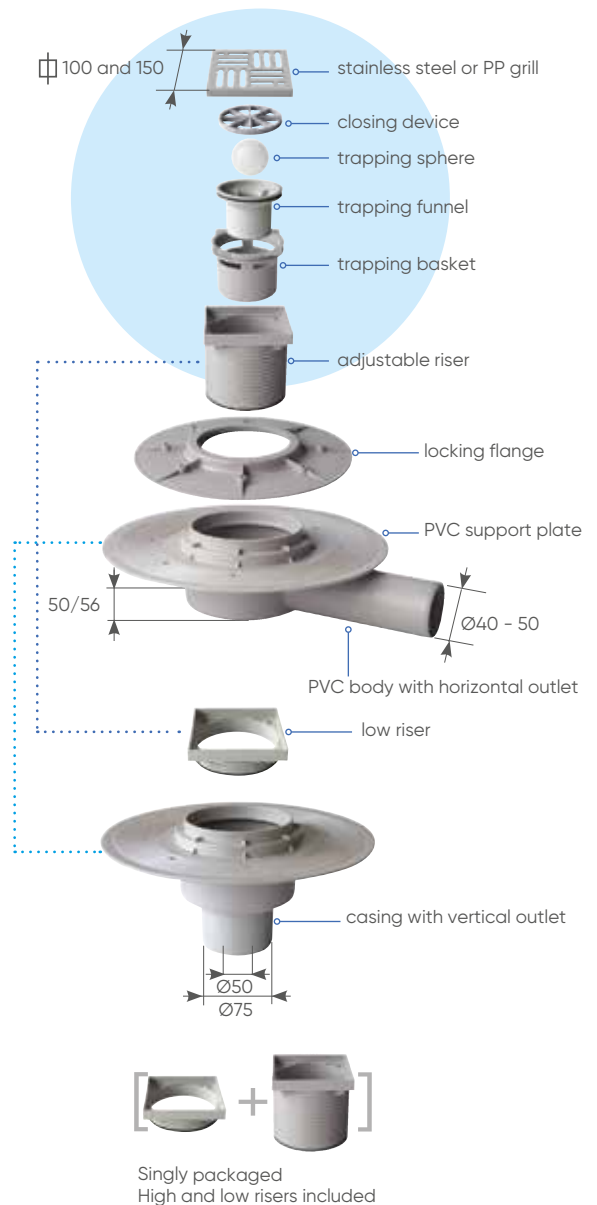
- Low casing to fit small spaces.
- Round plate and flange to lock the insulating membrane.
- 360° adjustable riser and PVC body.
- Easy inspection.
- Vertical outlet.
- Slotted PP or stainless steel grill dims.100x100, 150x150 available.
- Fastening screws are supplied with all stainless steel grilles (included in the package).



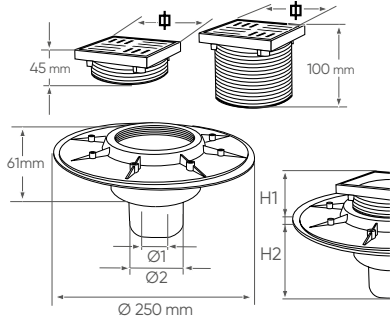
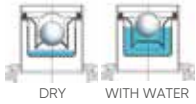
The trap may be easily removed for cleaning



Example of installation with insulating membrane



Dry floor trap with horizontal outlet can be connected by gluing or by push fit.



PVC Dry floor trap with vertical outlet

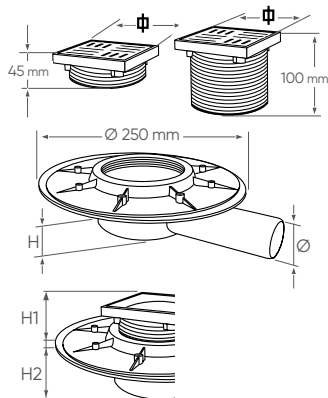
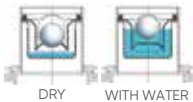
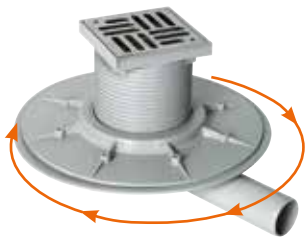
Siphon en PVC de cour-sortie verticale

Sumidero sifónico seco en PVC, salida vertical

Ø	Reference Grey Ral 7035			Ø1 (mm)	Ø2 (mm)	H (mm)	H1 min. (mm)	H2 (mm)	 l/s	Note
100	EAS35AI	1	60	50	75	61	45	115	< 0,6	Stainless steel AISI 304 grill
150	EAS45AI	1	60	50	75	61	61	115	< 0,6	Stainless steel AISI 304 grill



All products can be classified in load class K3 in accordance with regulation **EN1253** (resistance >300 kg).
All tests have been carried out at Aliaxis laboratories. Supplied with protection to permit easy installation.



PVC Dry floor trap with horizontal outlet

Siphon de cour-sortie horizontale

Sumidero sifónico seco en PVC, salida horizontal

Ø	Reference Grey Ral 7035			Ø1 (mm)	H (mm)	H1 min. (mm)	H2 (mm)	 l/s	Note
100	EAS14AI	1	60	40	50	45	47	< 0,6	Stainless steel AISI 304 grill
100	EAS14PP	1	60	40	50	45	47	< 0,6	PP Grill
150	EAS24AI	1	60	40	50	45	47	< 0,6	Stainless steel AISI304 grill
150	EAS24PP	1	60	40	50	45	47	< 0,6	PP Grill
100	EAS15AI	1	60	50	56	45	60	< 0,6	Stainless steel AISI304 grill
100	EAS15PP	1	60	50	56	45	60	< 0,6	PP Grill
150	EAS25AI	1	60	50	56	45	60	< 0,6	Stainless steel AISI304 grill
150	EAS25PP	1	60	50	56	45	60	< 0,6	PP Grill



All products can be classified in load class K3 in accordance with regulation **EN1253** (resistance >300 kg).
All tests have been carried out at Aliaxis laboratories. Supplied with protection to permit easy installation.



PP Flexible floor drain

Siphon de cour flexible en PP - Sumidero encastrable en tuberías de bajantes pluviales, cuerpo en PP

Ø	Reference	Box	Pallet	Ø (mm)	H (mm)	K (mm)	I/s	Note
100	EFS10AI	1	162	100÷125	45÷110	13	0,4	Stainless steel AISI 304 grill "Dry trapping"
150	EFS15AI	1	162	100÷125	45÷110	13	0,4	Stainless steel AISI 304 grill "Dry trapping"



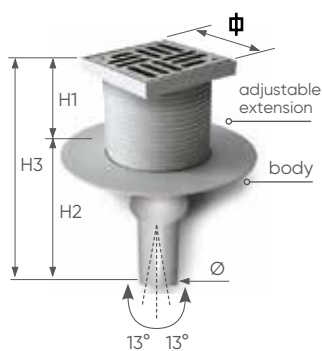
All products can be classified in load class K3 in accordance with regulation **EN1253** (resistance >300 kg). All tests have been carried out at Aliaxis laboratories. Supplied with protection to permit easy installation.



PP Vertical outlet floor drain without trap

Receveur vertical non siphonné en PP

Sumidero en PP, no sifónico, salida vertical orientable



Ø	Reference	Box	Pallet	H1 (mm)	H2 (mm)	H3 min./max.	Ø (mm)	I/s	Note
100	E7810AI	6	138	100	165	179÷254	50	1,9	Stainless steel AISI 304 grill
150	E7815AI	6	96	100	165	179÷254	50	2,6	Stainless steel AISI 304 grill
100	E7810PP	6	138	100	165	179÷254	50	2,3	PP Grill
150	E7815PP	6	138	100	165	179÷254	50	2,5	PP Grill

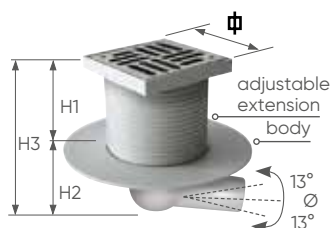


All products can be classified in load class K3 in accordance with regulation **EN1253** (resistance >300 kg). All tests have been carried out at Aliaxis laboratories. Supplied with protection to permit easy installation.

Tested by **CSTB.fr**

Use: to collect rain and waste water. Especially designed for public premises, balconies, industrial kitchens, public lavatories and in all cases a trapping action is required.

Advantages: very low casing; round plate for membrane's heat sealing; 360° adjustable riser; easy inspection.



PP Horizontal outlet floor drain without trap

Receveur horizontal non siphonné en PP

Sumidero en PP, no sifónico, salida horizontal orientable

Ø	Reference	Box	Pallet	H1 (mm)	H2 (mm)	H3 min./max.	Ø (mm)	I/s	Note
100	E7910AI	6	138	100	95	128÷183	50	1,4	Stainless steel AISI 304 grill
150	E7915AI	6	138	100	95	128÷183	50	1,9	Stainless steel AISI 304 grill
100	E7910PP	6	138	100	95	128÷183	50	1,7	PP Grill
150	E7915PP	6	138	100	95	128÷183	50	1,8	PP Grill



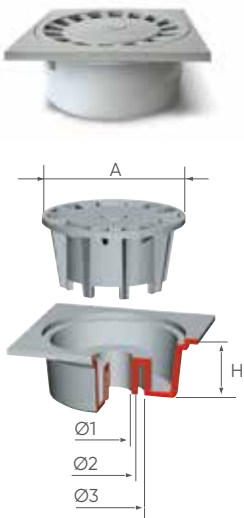
All products can be classified in load class K3 in accordance with regulation **EN1253** (resistance >300 kg). All tests have been carried out at Aliaxis laboratories. Supplied with protection to permit easy installation.

Tested by **MPA.de**

PVC Floor drain (internal outlet)

Siphon de cour à emboîture incorporée en PVC

Sumidero sifónico de PVC con salida vertical interna



☐	Reference Grey Ral 7035			A (mm)	H (mm)	Ø1 (mm)	Ø2 (mm)	Ø3 (mm)				Note
									Ø1	Ø1	Ø1	
100	E191004	12	1.536	92	50	32	40	-	0,4	0,6	-	
150	E191504	12	360	138	63	40	50	63	0,7	0,8	0,8	
200	E192004	6	180	182	92	63	75	90	1,9	1,7	1,6	
200	E192504	6	180	182	92	63	75	100	1,9	1,6	1,6	
250	E192604	6	96	228	95	-	-	100	3,0	-	-	
300	E193004*	6	72	228	95	-	-	100	3,0	-	-	



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

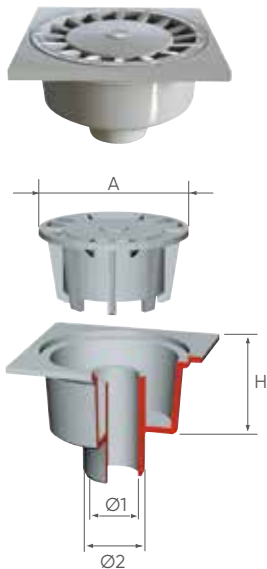
Tested by **CSTB.fr**

*upon request

PVC Floor drain (external outlet)

Siphon de cour à sortie externe verticale en PVC

Sumidero sifónico de PVC con salida vertical externa



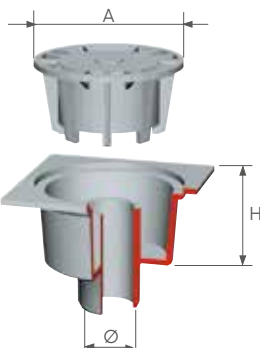
☐	Reference Grey Ral 7035			A (mm)	H (mm)	Ø1 (mm)	Ø2 (mm)		Note
								l/s	
100	0210804	18	936	92	50	32	40	0,89	
100	0210504*	18	936	92	50	-	50	1,0	
150	0211104	8	416	138	55	40	50	1,07	
200	0212204	8	192	177	65	63	75	1,34	
200	0212304	8	192	177	65	-	80	1,34	
200	0212404*	8	192	177	65	90	100	1,34	
200	0212504	8	192	177	65	100	110	1,34	
250	E220504*	6	96	177	83	-	110	1,6	
250	C221004*	6	96	177	83	-	100	1,6	
300	E222504	6	96	177	83	-	75	1,6	
300	E223004*	6	96	177	83	-	100	1,6	
300	E223504	6	96	177	83	-	110	1,6	



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

Tested by **CSTB.fr**

*upon request



PP Floor drain (external outlet)

Siphon de cour à sortie externe vertical en PP

Sumidero sifónico de PP con salida vertical externa

⌀	Reference Grey Ral 7035			A (mm)	H (mm)	Ø (mm)	 I/S	Note
100	EP95604	12	720	92	61	50	0,8	
150	EP75804	12	384	92	59	50	-	
200	EP75904	12	276	92	65	50	-	
200	EP76004	6	138	177	83	75	1,6	
200	EP75104*	6	138	177	83	80	1,5	
200	EP76404	6	138	177	83	110	1,6	
250	EP76904	6	96	177	83	110	1,5	
300	EP77404*	6	96	177	83	110	1,5	



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

Tested by **CSTB.fr**

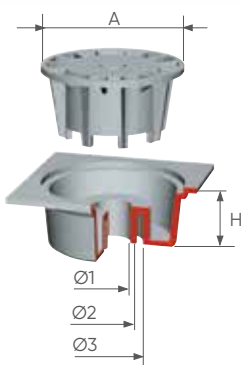
*upon request

Material: Polypropylene

Use: to collect rain and waste water. Especially designed for public premises, balconies, industrial kitchens, public lavatories and in all cases a trapping action is required.

Advantages:

- easy inspection and cleaning
- internal, external and horizontal outlet versions available



PP Floor drain (internal outlet)

Siphon de cour à emboîture incorporée en PP

Sumidero sifónico de PP con salida vertical interna

⌀	Reference Grey Ral 7035			A (mm)	H (mm)	Ø1 (mm)	Ø2 (mm)	Ø3 (mm)	 Ø1	 Ø1	 Ø1	Note
100	E195004	12	1.536	92	50	32	40	-	0,4	0,6	-	
150	E195504	12	360	138	63	40	50	-	0,7	0,8	0,8	
200	E196004	6	180	182	92	-	80	100	1,4	-	-	
250	E196204	6	96	228	95	-	100	-	3,0	-	-	
250	E196104	6	96	228	95	-	110	-	3,0	-	-	
300	E196304*	6	72	228	95	-	100	-	3,0	-	-	
300	E196404*	6	96	228	9	-	110	-	3,0	-	-	



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

Tested by **CSTB.fr**

*upon request



PVC Floor drain 100 (horizontal outlet)

Siphonette 100 (sortie horizontale) en PVC

Sumidero sifónico, salida horizontal hembra de PVC

Ø	Reference			H (mm)	Øi (mm)	Øe (mm)	 l/s	Note
100	0210304	16	832	82	32	40	-	
100	0210404	16	832	82	40	-	0,3	

Material: PVC

Use: to collect waste water especially designed for public premises, kitchens, public lavatories.
Application field: pedestrian areas.

Advantages:

- Easy cleaning and inspection thanks to the removable grill and trapping device.
- The square components may be rotated to fit floor's geometry.



ABS Chromium plated floor drain with vertical outlet

Siphon de cour chromé sortie verticale en ABS

Caldereta de piso cromada de ABS con salida vertical

Ø	Reference			H (mm)	Ø (mm)	Ø1 (mm)	 l/s	Note
100	E2222CR	12	720	60	50	95	0,6	
150	E2233CR	12	384	60	50	95	<0,7	



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

Tested by **CSTB.fr**

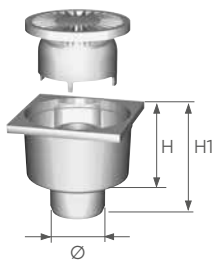
Material: ABS - Colour: Chromium plated

Use: to collect waste water.

Especially designed for public premises, lavatories, and in all cases a trapping action is required.

The chromium plated material meets with the aesthetical requirements while granting the same water flowability of plastics materials. We suggested not to use aggressive chemical cleaners because in long term could damage chromium plating.

Advantages: easy inspection thanks to the removable trapping bell.



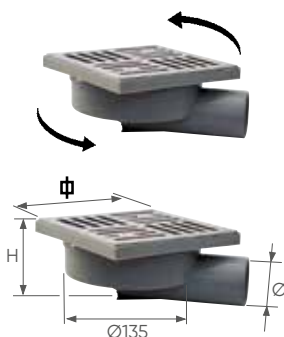


PP Trapped balcony floor drain with adjustable, horizontal outlet
Siphon de cour sortie horizontale et orientable en PP - Caldereta para terrazas y/o balcones con salida ajustable horizontal de PP

☐	Reference Grey Ral 7035			H (mm)	Ø (mm)	 l/s	Note
100	E224004	12	624	80	40	<0,6	PP Grill
100	E224504	12	624	80	50	<0,6	PP Grill
100	E2240AI	12	624	80	40	<0,6	Stainless steel AISI 304 grill
100	E2245AI	12	624	80	50	<0,6	Stainless steel AISI 304 grill



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



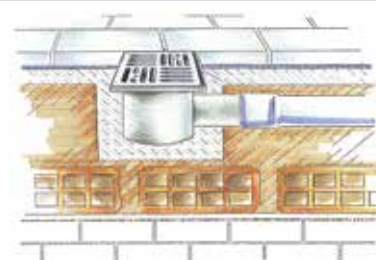
PP Trapped balcony floor drain with horizontal outlet, low version
Siphon de cour sortie horizontale et orientable en PP, version basse - Caldereta para terrazas y/o balcones con salida ajustable horizontal, versión baja

☐	Reference Grey Ral 7035			H (mm)	Ø (mm)	 l/s	Note
150	E224204	12	384	75	40	<0,6	PP Grill
150	E2242AI	12	384	75	40	<0,6	Stainless steel AISI 304 grill
150	E225004	12	384	75	50	<0,6	PP Grill
150	E2250AI	12	384	75	50	<0,6	Stainless steel AISI 304 grill



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

Material: Polypropylene
 Use: to collect rain and waste water. Especially designed for balcony floor drain
 Advantages:
 - low casing
 - rotating grill
 - easy inspection



PP High capacity floor drain 1 outlet, low version
Siphon grand débit en PP, version bas
Caldereta de suelo gran caudal en PP, versión baja

☐	Reference Grey Ral 7035			Ø (mm)	H (mm)	 l/s	Note
150	EBA22AI	6	84	75	168	>1,05	Stainless steel AISI 304 grill
150	EBA44AI	6	84	110	168	>1,40	Stainless steel AISI 304 grill
150	EBA11PP	6	84	75	168	>1,14	PP Grill
150	EBA33PP	6	84	110	168	>1,41	PP Grill



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

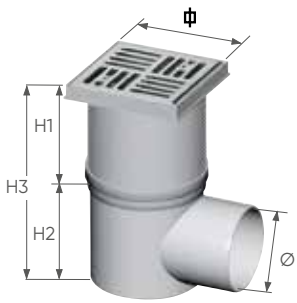


Double flap anti-backflow device

PP High capacity floor drain 1 outlet, high version

Siphon de terrasse grand débit en PP, version haut

Caldereta de suelo gran caudal en PP con altura ajustable, versión alta



Ø	Reference Grey Ral 7035			Ø (mm)	H1 (mm)	H2 (mm)	H min./max.		Note
150	EAL22AI	6	72	75	90	155	170÷245	>1,05	Stainless steel AISI 304 gril
150	EAL44AI	6	72	110	90	155	170÷245	>1,40	Stainless steel AISI 304 gril
150	EAL33PP	6	72	110	90	155	170÷245	>1,41	PP Grill



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



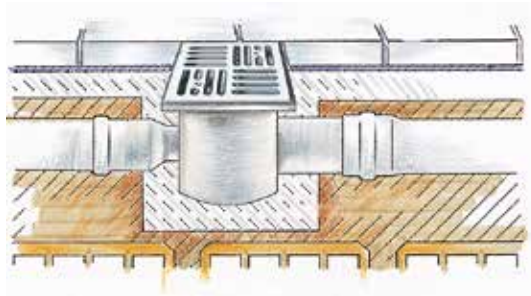
Double flap anti-backflow device

Material: Polypropylene

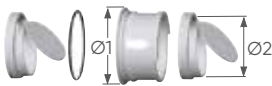
Use: to collect rain or waste water in yards, garages cellars and any areas where a high drainage capacity is required.

Advantages:

- inspection basket
- 360° adjustable riser
- easy inspection
- an anti-backflow device can be fitted in to prevent back flooding.



Example of assembly



Double flap anti-backflow device

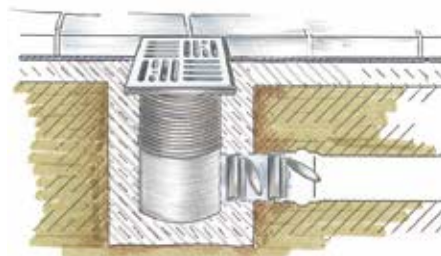
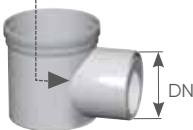
Clapet anti-retour double - Valvula doble clapeta anti-retorno

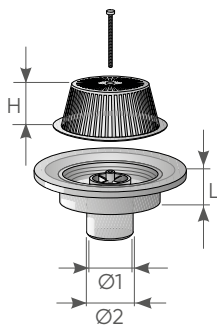
DN (mm)	Reference Grey Ral 7035			Ø1 (mm)	Ø2 (mm)	Note
110	EDP1104*	6	768	70	103	

Material: Polypropylene

It may be fit in to high capacity floor drains to prevent back flooding.

*upon request



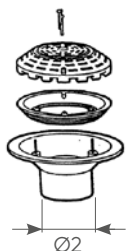


PVC roof outlet

Naissance pour eaux pluviales en PVC
Sumidero de PVC con rejilla alta

Ø1 (mm)	Ø2 (mm)	Reference Grey				H (mm)	L (mm)	Note
63	75	1992204	1	120	1,8	74	62	
	80	1992404*	1	120	1,8	74	62	
100	110	1992504	1	120	1,8	74	62	

*upon request



PVC Flat roof outlet

Naissance pour eaux pluviales en PVC
Sumidero de PVC con rejilla

Ø (mm)	Reference Grey				Note
160	H991604	7	56	4,0	



Universal leaf guard

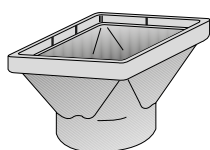
Crapaudine - Filtro atrapa hojas

Ø (mm)	Reference			Note
60÷120	G456000	60	1.440	



Outlet union

Ø	Reference			A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	Note
80	G400800	10	60	310	69	64	76	225	Material: Rubber Colour: Black
100	G401000	10	-	315	89	84	96	225	
125	G401200	8	-	319	114	109	121	225	

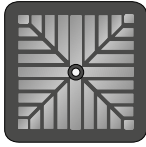


PVC Square hopper

Regard d'accès pluvial en PVC
Colector de agua pluvial en PVC

Ø	⊘	Reference Grey Ral 7035				Note
110	150	0076501	15	360	* 3,9	Red RAL 8023



* Flow measured using the grid Reference 7302800



Grill for square hopper

Grille pour regard d'accès pluvial

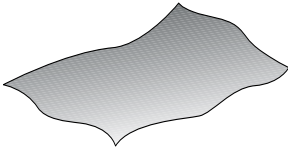
Rejilla para colector de agua pluvial



DN (mm)	Reference			Note
150	7302800	50	3.200	

Spare parts - Pièces de rechang - Repuestos

PVC insulating membrane

Membrane d'étanchéité - Lámina de PVC, impermeabilizante





DN (mm)	Reference			Note
1500 x 1500 x 0,8 mm	J022087	1	36	1 single sheet

Material: PVC plasticized - Colour: Grey - Use: waterproofing sheet

Stainless steel Grill

Grille en acier inox - Rejilla inoxidable





DN (mm)	Reference			Note
100	E9910AI	5	4.050	Stainless steel AISI 304
150	E9915AI	5	1.920	Stainless steel AISI 304
150	E9914AI*	1	1	Stainless steel AISI 316L (On request)

*upon request

PP Grill

Grille en PP - Rejilla PP



DN (mm)	Reference Grey Ral 7035			Note
150	E9915PP	5	1.920	Spare part for Ref. E224204 - E225504
100	E9910PP	5	4.050	Spare part for Ref. E224004 - E224504



Grill frame

Cadre pour grille - Cerco para rejilla

DN (mm)	Reference Grey Ral 7035			Note
150	E97BG00	20	1.620	Spare part for Ref. E224204 - E225504
100	E97BG10	50	4.050	Spare part for Ref. E224004 - E224504



Trapping funnel

Entonnoir de siphonnement - Campana para sifón

Ø1 (mm)	Ø2 (mm)	Reference Grey Ral 7035			Note
85	35	E97IM00	5	2.600	Spare part for Ref. E224004 - E224504 Spare part for Ref. E224004 - E224504



PP Trapped balcony floor drain with adjustable horizontal outlet
Siphon de cour en PP sortie horizontale et orientable
Reference: E225004 - E224204



PP Trapped balcony floor drain low with horizontal outlet
Siphon de cour en PP sortie horizontale et orientable bas
Reference: E224004 - E224504



Risers

Rallonges - Extensible con junta

DN (mm)	Reference Grey Ral 7035			Note
100	E98PRB0	1	-	Low riser
150	E99PRB0*	1	-	Low riser
100	E98PRA0	1	416	High riser
150	E99PRA0	5	360	High riser

*Available on demand, after feasibility check

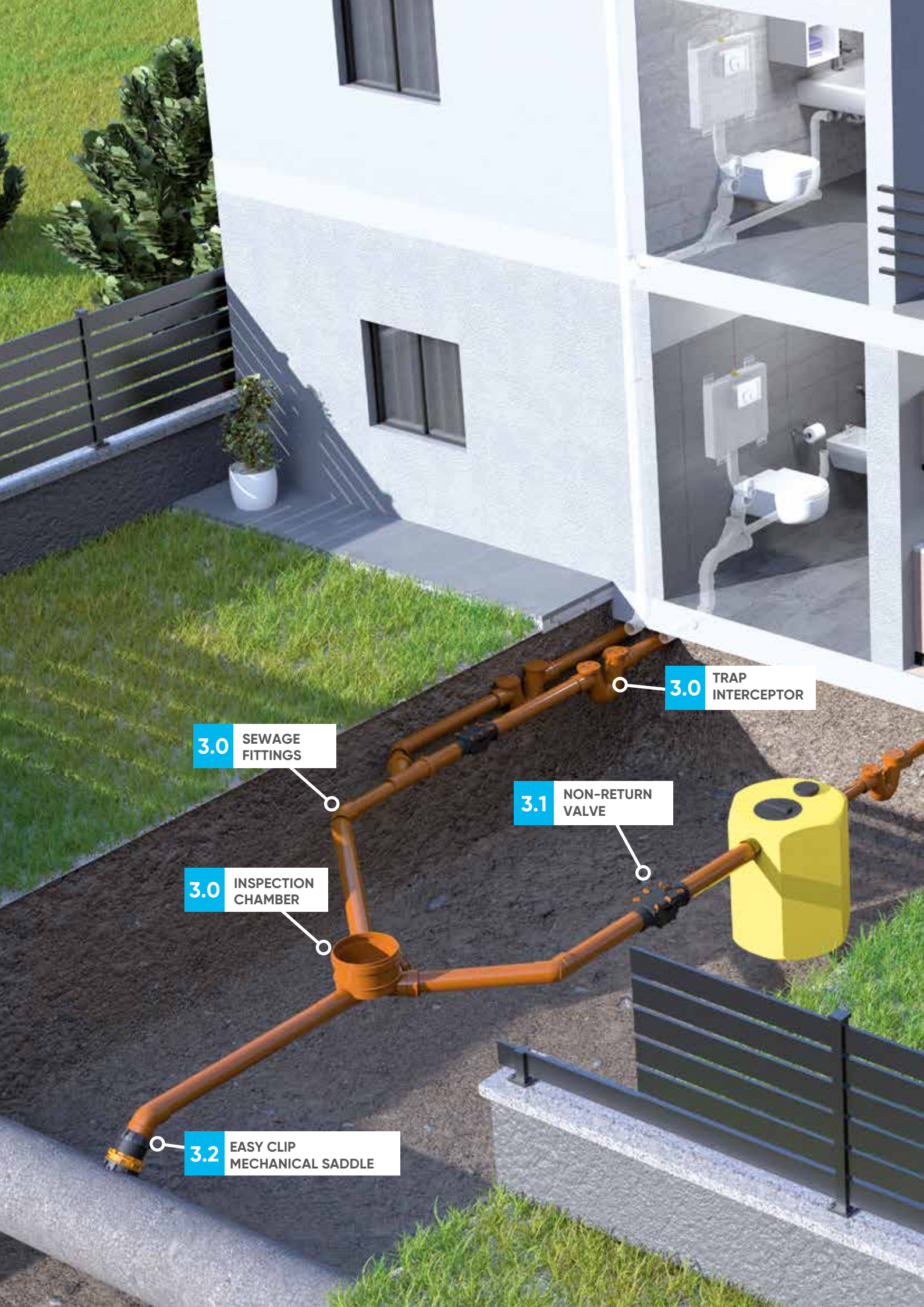


Dry trap

Syphon à sec - Sifón seca

Reference			Note
KITC500*	1	1.200	Assembled trap (closing device + trapping+ trapping funnel + trapping basket)

*upon request



3.0 TRAP INTERCEPTOR

3.0 SEWAGE FITTINGS

3.1 NON-RETURN VALVE

3.0 INSPECTION CHAMBER

3.2 EASY CLIP MECHANICAL SADDLE



