APIDSELF RANGE E EVOLUTION OF YOUR IESTIC DRAINAGE SYSTEM)

ulmaarchitectural.com





We have been designing, manufacturing and installing **prefabricated polymer concrete products for drainage** and architecture **since 1990**. Our architectural offerings are divided into ventilated facades, industrialised enclosures, personalised pre-fabs and street furniture.

We form a part of the **ULMA Group**, one of the Basque Country's leading industrial groups, which is present in 80 countries. Today, we offer direct employment to more than **5,500 people** and our turnover sits at **€1 billion**.



What sets us apart

• **Polymer concrete,** the material we use in our prefabricated channels. A material of proven quality, perfect for surface drainage.

In addition to its superior properties in terms of endurance, polymer concrete allows for the creation of smooth surfaces with very low friction in pre-fabricated products, facilitating a swift displacement of fluids while also offering a water absorption index of almost zero, compared with the 5-10% offered by traditional concrete.



We advise and support you

We can offer you the expertise an **Engineering Department** with many years of experience in the field of surface drainage. Our experts will support you throughout the process: from rethinking your drainage lines and selecting the right channel and grating to on-site advice and installation.

This is in addition to an extensive sales network that understands **people are at the heart of everything we do**, as our employees put this approach into practice every day.

Because our representatives don't manage orders; they manage people.



NEW **RAPIDSELF** Range

What does this mean for you?

RANGE SIMPLIFICATION: WE MAKE IT EASY FOR YOU

It amounts to a significant improvement, as this is an optimised range with fewer references covering the same needs. We have unified our grating and created a simpler range.

V-SHAPED CHANNELS, MODERNISED RANGE

An updated V-shaped design to drain water faster.

- More speed at a low flow.
- More capacity in extreme flows.

REDUCTION IN STOCK: COST SAVINGS

By simplifying the range with fewer references, we can optimise and reduce our stock.

RAPIDSELF FIXING SYSTEM

Thanks to the new fast-fixing system, we can remove the gates from the entire domestic range, we improve the hydraulic efficiency of channels, and we facilitate system maintenance and cleaning.





THE EVOLUTION OF YOUR DOMESTIC DRAINAGE SYSTEM

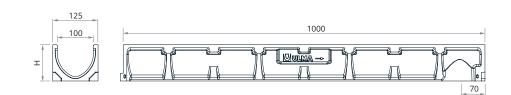




Load Class up to C-250 EN-1433 Standard RAPIDSELF100

CE

ULMA polymer concrete channel, model SR100. External width 125 mm, internal width 100 mm. External heights available between 50 and 150 mm, in modules 1 linear metre long, optimised V-shape with self-cleaning effect designed especially for channel stretches with no longitudinal slope. No-screw Rapidself fixing system with up to 8 fixing points.



CHANNEL KIT WITH BUILT-IN SLOTTED GALVANISED GRATING

Kit code	L Total mm height mm		Channe mr		Ø Outlet diameter mm	Units per pallet
			External	Internal	Vertical	per peries
SR100H50R* + GN100SRA	1000	50	125	100	110	136
SR100H75R* + GN100SRA	1000	75	125	100	110	112

*U-shaped cross section.

CHANNELS

Channel code	L	Total height mm	Channe mr		Ø Outlet diameter mm	Units per pallet	
		incigite initial		Internal	Vertical	P P	
SR100H50R*	1000	50	125	100	110	165	
SR100H75R*	1000	75	125	100	110	135	
SR100H100R	1000	100	125	100	110	120	
SR100H125R	1000	125	125	100	110	105	
SR100H150R	1000	150	125	100	110	105	

*U-shaped cross section.

GRATING

Slotted B125	Slotted C250	Slotted	Heelproof Slotted	Perforated	Mesh	Heelproof Mesh	Black	Long. Slotte Grey	d Beige

FIXING SYSTEM



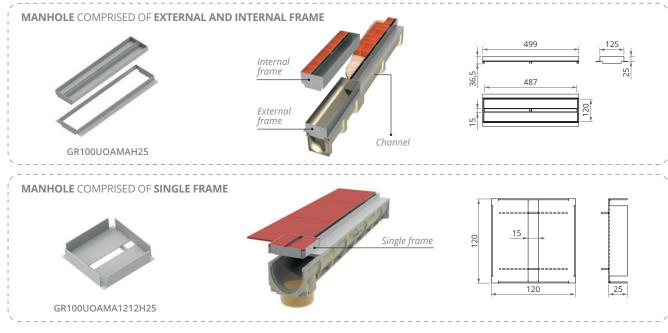
Material	Design	Load class	Code	Length mm	Width mm	Opening mm	Units per linear metre	Intake area cm²/ml	Fixing points
DUCTILE IRON	SLOTTED	B125	FNX100SRBM	500	125	16	2	566	4 x ml
DUCTILE IRON	SLOTTED	C250	FNX100SRCM	500	125	16	2	566	8 x ml
	SLOTTED	A15	GN100SRA	1000	125	9	1	265	4 x ml
	HEELPROOF SLOTTED	A15	GNH100SRA	1000	125	6	1	308	4 x ml
GALVANISED STEEL	PERFORATED	K3	GP100SRA	1000	125	ø6	1	164	4 x ml
STELE	MESH	B125	GEX100SRB	1000	125	30 x 30	1	783	4 x ml
	HEELPROOF MESH	B125	GEHX100SRB	1000	125	30 x 10	1	670	4 x ml
	SLOTTED	A15	IN100SRA	1000	125	9	1	265	4 x ml
STAINLESS	HEELPROOF SLOTTED	A15	INH100SRA	1000	125	6	1	308	4 x ml
STEEL	PERFORATED	K3	IP100SRA	1000	125	ø6	1	164	4 x ml
	HEELPROOF MESH	B125	IEHX100SRB	1000	125	30 x 10	1	670	4 x ml
	LONG. SLOTTED BLACK	A15	PNLH100SRAM	500	125	8	2	366	4 x ml
COMPOSITE	LONG. SLOTTED GREY	A15	PNLH100SRAM-GRIS	500	125	8	2	366	4 x ml
	LONG. SLOTTED BEIGE	A15	PNLH100SRAM-BG	500	125	8	2	366	4 x ml

ULMA

RAPIDSELF**100**

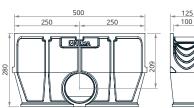
SLOT GRATING

Load	Slot	Slot	Product	Co	de	Length	Slot useful width	Intake	Central Double central Offset
class	height H (mm)	position	type	Galvanised steel	Stainless steel	(mm)	A (mm)	area cm²/ml	
			Grating	GR100UOAH25	IR100UOAH25	1000	15	150	
A15	25 Central	Access Unit	GR100UOAMAH25	IR100UOAMAH25	500	15	150		
		Access Unit	GR100UOAMA1212H25	IR100UOAMA1212H25	120	15	150	-> <u>A</u>	
		Central	Grating	GR100UOC	IR100UOC	1000	15	150	⊨∎f
			Access Unit	GR100UOCMA	IR100UOCMA	500	15	150	т
6250	70	Central	Grating	GDR100UOC	IDR100UOC	1000	2 X 12	240	
C250	0 70	(Double)	Access Unit	GDR100UOCMA	IDR100UOCMA	500	2 X 12	240	
		Offset	Grating	GRL100UOC	IRL100UOC	1000	10	100	
	Unset		Access Unit	GRL100UOCMA	IRL100UOCMA	500	10	100	



SUMP UNITS

	Sump unit code	Length mm	Total height mm	Sump unit width mm	Side outlets Ø mm	
	ASR100	500	280	125	110	
Open outlet.						



BUCKET

Code

CASR100

OPEN END CAP

Code	Ø mm
TSR100H50A	40
TSR100H75A	50
TSR100H100A	75
TSR100H125A	110
TSR100H150A	110
	TSR100H50A TSR100H75A TSR100H100A TSR100H125A







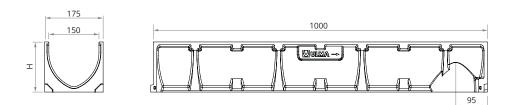




Load Class up to C-250 EN-1433 Standard RAPIDSELF**150**

CE

ULMA polymer concrete channel, model SR150. External width 175 mm, internal width 150 mm. External heights available between 75 mm and 150 mm, in modules 1 linear metre long, optimised V-shape with self-cleaning effect designed especially for channel stretches with no longitudinal slope. No-screw Rapidself fixing system with up to 8 fixing points.

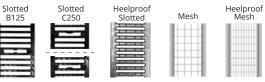


CHANNELS

Channel code	Channel code L		Channe mr		Ø Outlet diameter mm	Units per pallet
		height mm	External	Internal	Vertical	per paner
SR150H75R*	1000	75	175	150	160	110
SR150H150R	1000	150	175	150	160	66

*U-shaped cross section.

GRATING



FIXING SYSTEM



No-screw **RAPIDSELF** fast closure

Material	Design	Load class	Code	Length mm	Width mm	Opening mm	Units per linear metre	intake area cm²/ml	Fixing points
DUCTILE	SLOTTED	B125	FNX150SRBM	500	175	16	2	884	4 x ml
IRON	SLOTTED	C250	FNX150SRCM	500	175	16	2	877	8 x ml
	SLOTTED	A15	GN150SRA	1000	175	9	1	430	4 x ml
GALVANISED STEEL	MESH	B125	GEX150SRB	1000	175	30 x 30	1	1087	4 x ml
STELE	HEELPROOF MESH	B125	GEHX150SRB	1000	175	30 x 10	1	1190	4 x ml
STAINLESS STEEL	SLOTTED	A15	IN150SRA	1000	175	9	1	430	4 x ml

SLOT GRATING

Load	Slot height	Slot	Product	Co	de	Length	Slot useful width	Intake area
class	H (mm)	position	type	Galvanised steel	Stainless steel	(mm)	A (mm)	cm²/ml
		Control	Grating	GR150UOC	IR150UOC	1000	15	150
2250	70	Central	Access Unit	GR150UOCMA	IR150UOCMA	500	15	-
C250	70	Central	Grating	GDR150UOC	IDR150UOC	1000	2 X 12	240
		(Double)	Access Unit	GDR150UOCMA	IDR150UOCMA	500	2 X 12	-

SUMP UNITS

Sump unit code	Length mm	Total height mm	Sump unit width mm	Side outlets Ø mm
ASR150	500	340	175	160

Open outlet.

OPEN END CAP

Channel	Code	Ø mm	
SR150H75R	TSR150H75A	50	
SR150H150R	TSR150H150A	110	

CLOSED END CAP



BUCKET

250

340



500

250



DRAINAGE AND ARCHITECTURE

- for people by people -

ULMA ARCHITECTURAL SOLUTIONS

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