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

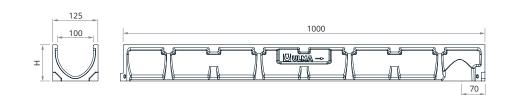




Load Class up to C-250 EN-1433 Standard RAPIDSELF100

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



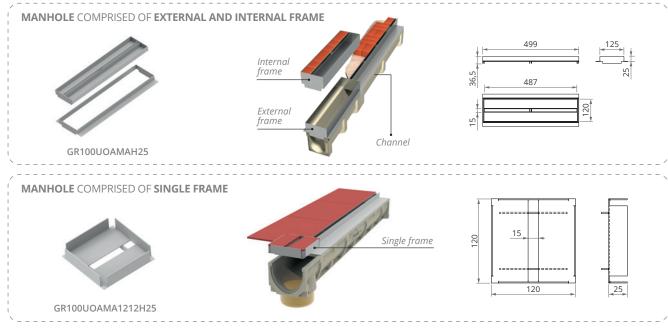
| Material | Design | Load class | Code | Length mm | Width mm | Opening mm | Units per linear metre | Intake area cm²/ml | Fixing points |
|---------------------|---------------------|---------------|------------------|--------------|-------------|----------------------|-------------------------------------|---------------------------------|---------------|
| 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**

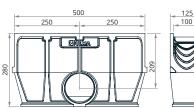
SLOT GRATING

| 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 |







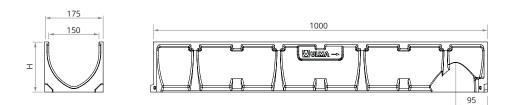




Load Class up to C-250 EN-1433 Standard RAPIDSELF**150**

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.

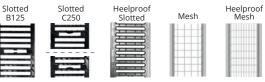


CHANNELS

| 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

ulmaarchitectural.com B° Zubillaga, 89 - Apdo. 20 20560 Oñati (Gipuzkoa) Spain Tel.: 00 34 943 78 06 00 info@ulmaarchitectural.com