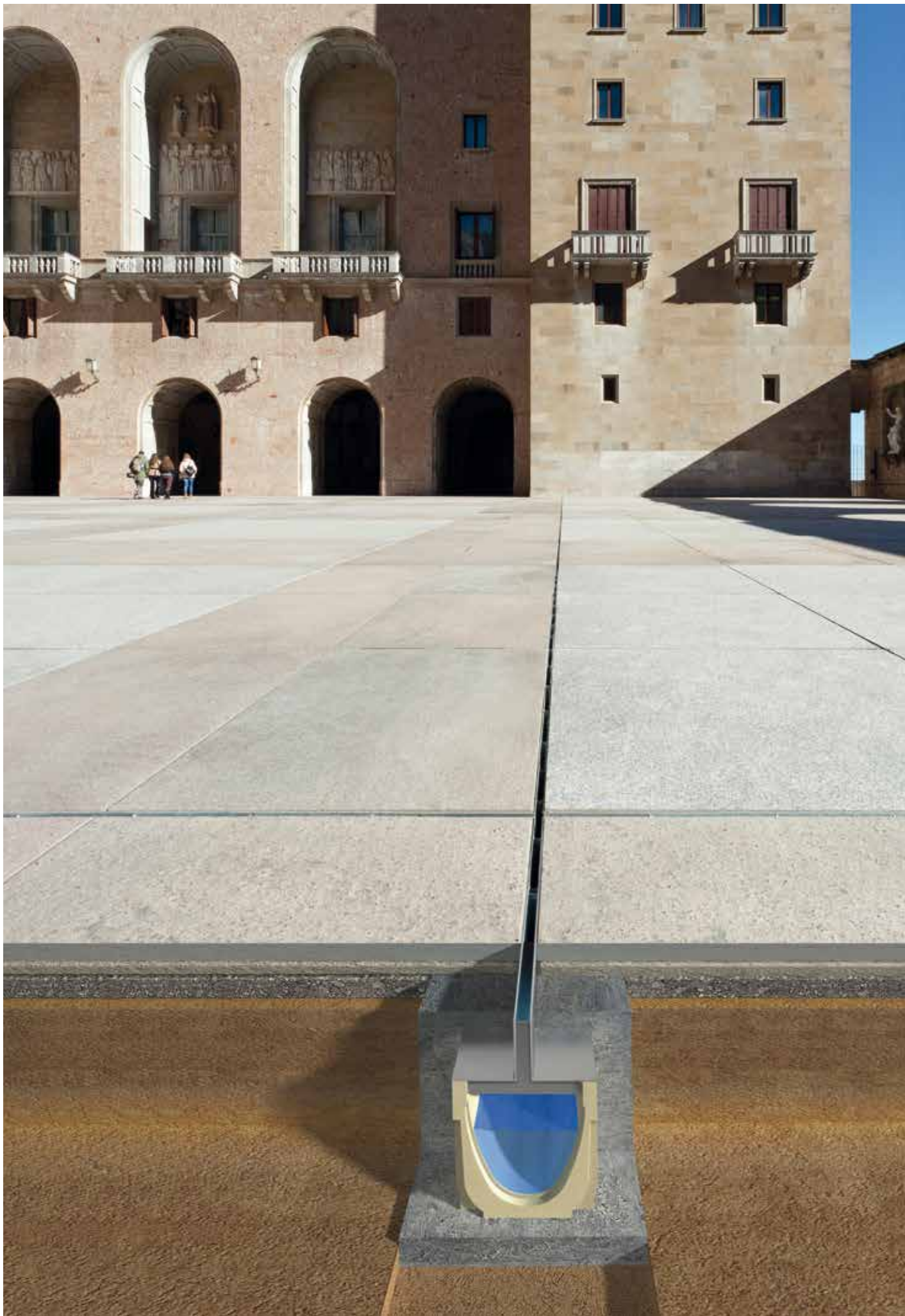




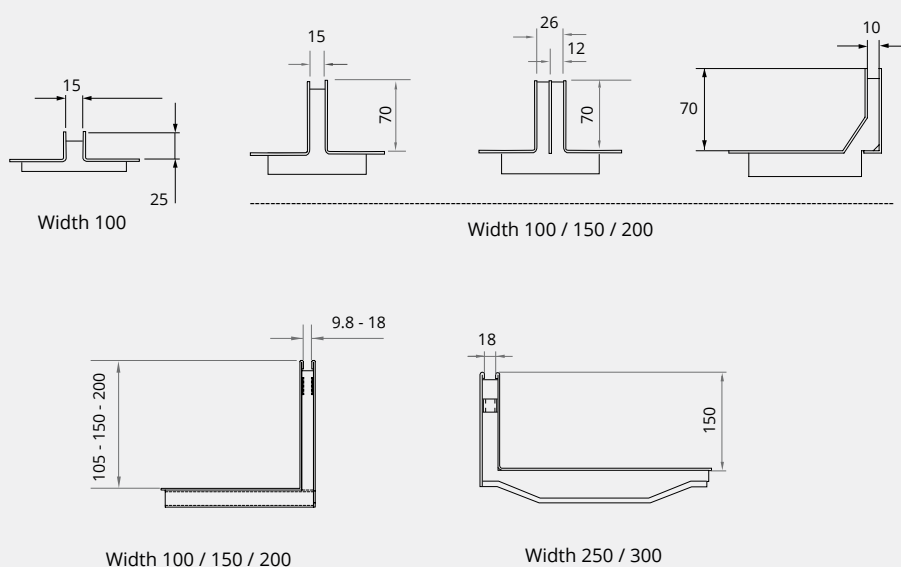


SLOT

GRATINGS

The SLOT Drainage is part of an integral system, consisting of a discrete slot, a channel body and an access unit for an optimal maintenance of the drainage system. It is an inverted "T" or "L" shaped grating model, that stands out mainly for its aesthetics, since it integrates perfectly in the pavement (either concrete, paving stone or tiles) achieving a total blend with the urban landscape.

Supports a load class up to D-400 according to Standard EN1433.



GRATINGS CLASSES

The grating can be either single or double slot for greater hydraulic efficiency, and offset to install close to walls.

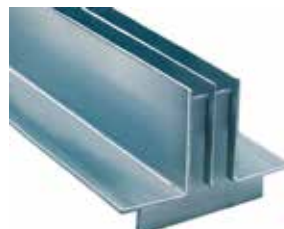


SINGLE DRAIN REDUCED HEIGHTS

Minimal visual impact for limited heights.



SINGLE SLOT Aesthetic solution.



DOUBLE SLOT Same solution with greater hydraulic capacity.



OFFSET SLOT GRATE Ideal solution for areas near walls.

MATERIAL

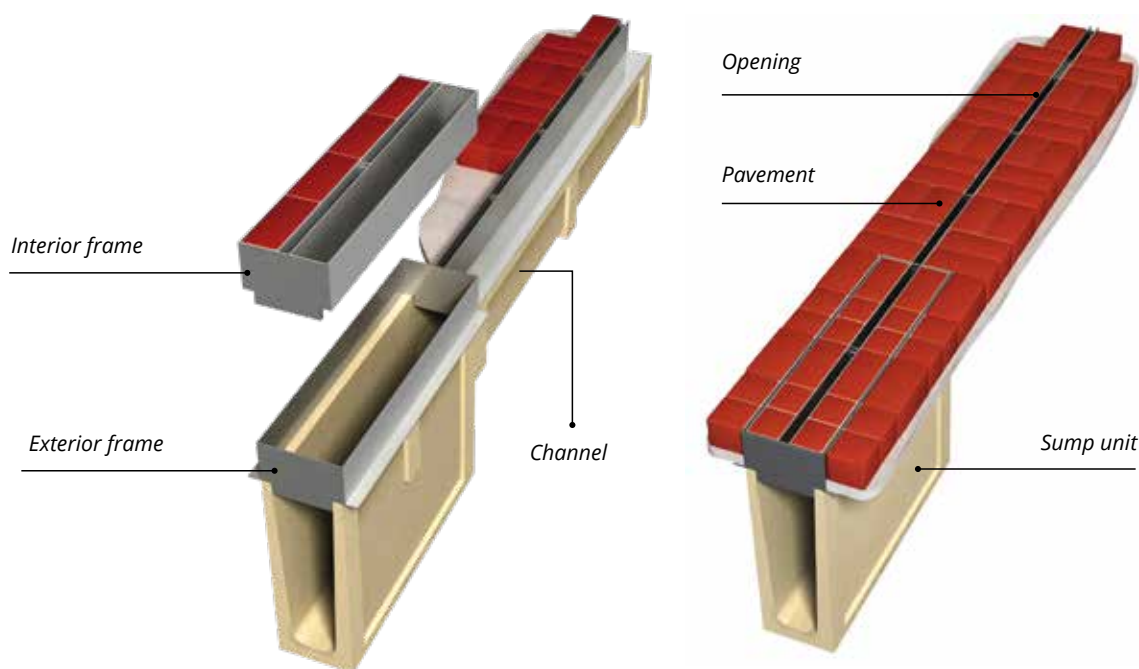
Available in GALVANIZED STEEL as well as in STAINLESS STEEL (AISI 304 and AISI 316L) for the most demanding of hygiene.



Please consult our technical department with any queries regarding the application of materials and installation.

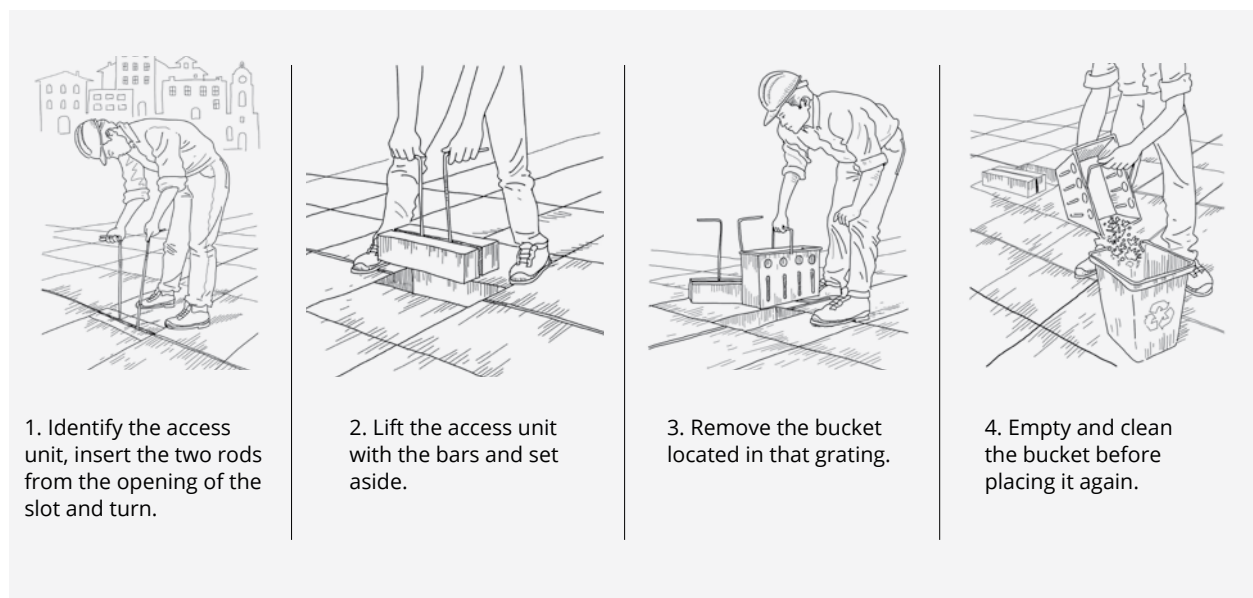
DRAINAGE SYSTEM

WITH SLOT GRATING



MAINTENANCE

Steps to follow for the correct removal of the access unit and cleaning of the drainage system.



INSTALLATION DETAILS

URBAN

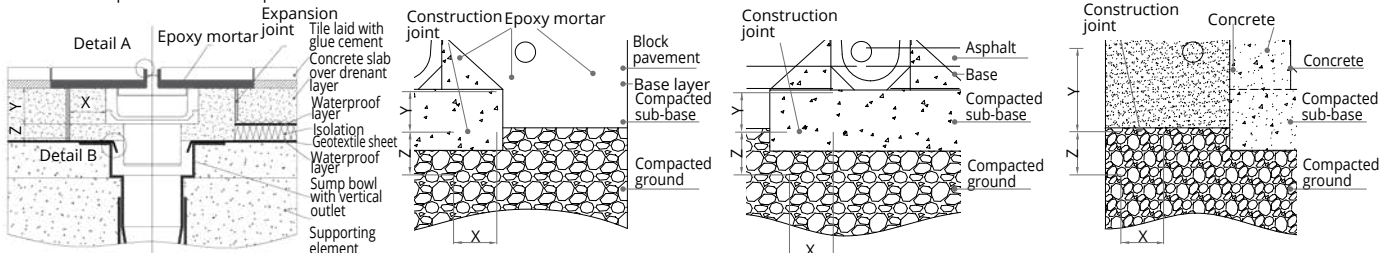
TILE

PAVER

ASPHALT

CONCRETE

Over outside space Over inside space



A15

Load class EN 1433 S	A15
Type of concrete	C 25 (X0)
Minimum distances (mm)	
X	50
Y	Up to the pavement level
Z	50

A15 - B125 - C250

Load class EN 1433 Standard	A15	B125	C250
Type of concrete EN 206-1 Standard	HM-25 (X0)	HM-25 (X0)	HM-25 (X0)
Minimum distances (mm)			
X	100	100	150
Y	100*	100*	100*
Z	100	100	150

* In case of an incorrect compaction of the soil, the concrete embracement must be made up to the pavement level.

A15 - B125 - C250

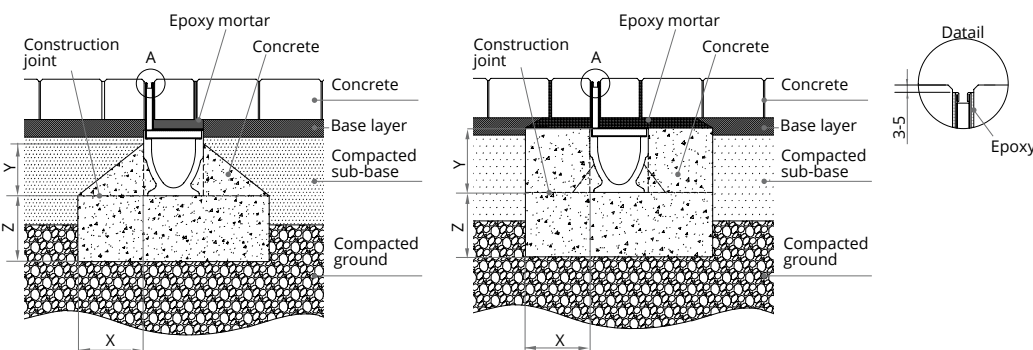
Load class EN 1433 Standard	A15	B125	C250
Type of concrete EN 206-1 Standard	HM-25 (X0)	HM-25 (X0)	HM-25 (X0)
Minimum distances (mm)			
X	100	100	150
Y	Channel height + grating + 3 - 5 mm		
Z	100	100	150

When installing slot drain channels in cobbled and/or tiled paving, a reactant epoxy adhesive must be used in the joints between paving stone and drain, as well as at the points indicated in the construction details for this type of installation.

We recommend **not installing products made of zinc** in areas where contact with corrosive agents (cleaning products, chlorides, sulphates, acids, bleaches, etc.) cannot be ruled out, such as swimming pools and marine environments.

Stainless steel products **must be suitably protected during installation** against the iron oxide dust in the atmosphere, sparks caused by cutting metals, etc. To permanently maintain its clean appearance and prevent corrosion, we recommend periodically cleaning the surfaces. Choosing the type of stainless steel will depend on the environment where it is to be installed (AISI 304 for normal environments and AISI 316L for marine environments).

TRAFFIC PAVEMENT



A15 - B125 - C250

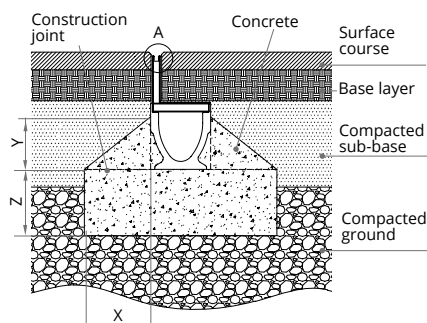
Load class EN 1433 Standard	A15	B125	C250
Type of concrete EN 206-1 Standard	HM-25 (X0)	HM-25 (X0)	HM-25 (X0)
Minimum distances (mm)			
X	100	100	150
Y	Above the arcs*		
Z	100	100	150

* In case of an incorrect compaction of the soil, the concrete embracement must be made up to the pavement level.

D400

Load class EN 1433 Standard	A15	B125	C250	D400
Type of concrete EN 206-1 Standard				HM-25 (X0)
Minimum distances (mm)				
X				150
Y				Up to the pavement level
Z				150

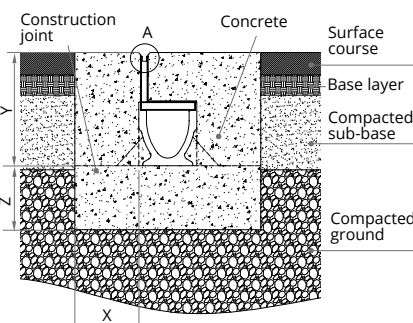
TRAFFIC ASPHALT



A15 - B125 - C250

Load class EN 1433 Standard	A15	B125	C250
Type of concrete EN 206-1 Standard	HM-25 (X0)	HM-25 (X0)	HM-25 (X0)
Minimum distances (mm)			
X	100	100	150
Y	Above the arcs*		
Z	100	100	150

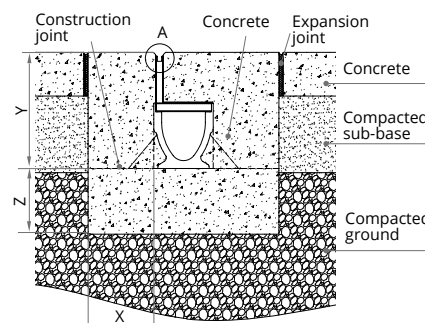
* In case of an incorrect compaction of the soil, the concrete embracement must be made up to the pavement level.



D400

Load class EN 1433 Standard	A15	B125	C250	D400
Type of concrete EN 206-1 Standard				HM-25 (X0)
Minimum distances (mm)				
X				150
Y				Channel height + grating + 3 - 5 mm
Z				150

CONCRETE



D400

Load class EN 1433 Standard	A15	B125	C250	D400
Type of concrete EN 206-1 Standard	HM-25 (X0)	HM-25 (X0)	HM-25 (X0)	HM-25 (X0)
Minimum distances (mm)				
X	100	100	150	150
Y	Channel height + grating + 3 - 5 mm			
Z	100	100	150	150

Load Class
up to C250
EN-1433 Standard

URBAN

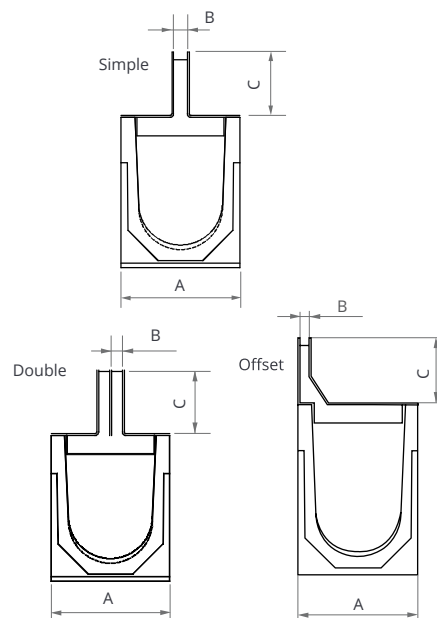


Slot grating in an inverted "T" shape that stands out for its aesthetic, since it integrates perfectly in the pavement (concrete, paving stone or tile) achieving a total blend with the urban landscape. It can be a single slot or a double slot for greater hydraulic efficiency. Supports a load class up to C-250 according to Standard EN1433.

GRATINGS

Material	Width mm	Code	Type	L mm	A mm	B mm	C mm	Intake area cm ² /ml	Compatible system
GALVANISED STEEL	100	GR100UOC	SIMPLE	1000	130	15	70	150	SELF/U/HYDRO
		GDR100UOC	DOUBLE	1000	130	12 x 2	70	240	SELF/U
		GRL100UOC	OFFSET	1000	130	10	70	100	SELF/U/HYDRO
		GR100UOAH25	SIMPLE	1000	120	15	25	150	SELF/U
	150	GR150UOC	SIMPLE	1000	200	15	70	150	SELF/U
		GDR150UOC	DOUBLE	1000	200	12 x 2	70	240	SELF/U
	200	GR200UOC	SIMPLE	1000	260	15	70	150	SELF/U
		GDR200UOC	DOUBLE	1000	260	12 x 2	70	240	SELF/U
STAINLESS STEEL	100	IR100UOC	SIMPLE	1000	130	15	70	150	SELF/U
		IDR100UOC	DOUBLE	1000	130	12 x 2	70	240	SELF/U
		IR100UOAH25	SIMPLE	1000	120	15	25	240	SELF/U
		IR150UOC	SIMPLE	1000	200	15	70	150	SELF/U
	150	IDR150UOC	DOUBLE	1000	200	12 x 2	70	240	SELF/U
		IR200UOC	SIMPLE	1000	260	15	70	150	SELF/U
	200	IDR200UOC	DOUBLE	1000	260	12 x 2	70	240	SELF/U

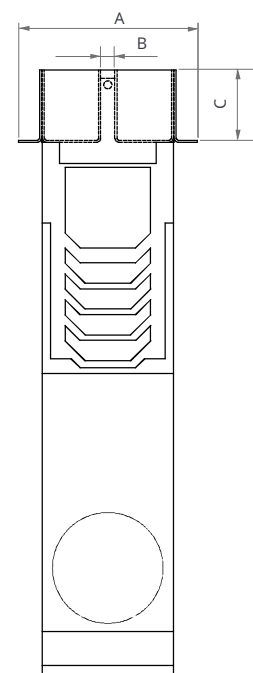
*Customised options available



ACCESS UNITS

Material	Width mm	Code	Type	L mm	A mm	B mm	C mm	Intake area cm ² /ml	Compatible system
GALVANISED STEEL	100	GR100UOCMA	SIMPLE	500	178	15	70	150	SELF/U
		GDR100UOCMA	DOUBLE	500	178	12 x 2	70	240	SELF/U
		GRL100UOCMA	OFFSET	500	178	10	70	100	SELF/U/HYDRO
		GR100UOAMA1212H25	SIMPLE	120	120	15	25	150	SELF/U
	150	GR150UOCMA	SIMPLE	500	250	15	70	150	SELF/U
		GDR150UOCMA	DOUBLE	500	250	12 x 2	70	240	SELF/U
	200	GR200UOCMA	SIMPLE	500	310	15	70	150	SELF/U
		GDR200UOCMA	DOUBLE	500	310	12 x 2	70	240	SELF/U
STAINLESS STEEL	100	IR100UOCMA	SIMPLE	500	178	15	70	150	SELF/U
		IDR100UOCMA	DOUBLE	500	178	12 x 2	70	240	SELF/U
		IR100UOAMA1212H25	SIMPLE	120	120	15	25	150	SELF/U
		IR150UOCMA	SIMPLE	500	250	15	70	150	SELF/U
	150	IDR150UOCMA	DOUBLE	500	250	12 x 2	70	240	SELF/U
		IR200UOCMA	SIMPLE	500	310	15	70	150	SELF/U
	200	IDR200UOCMA	DOUBLE	500	310	12 x 2	70	240	SELF/U

*Customised options available

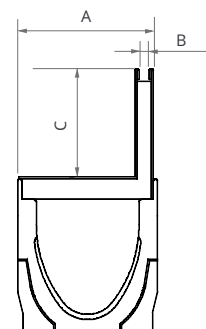


Application detail

Inverted "L" shape slot grating that stands out for its aesthetic, since it integrates perfectly in the pavement (concrete, paving stone or tile) achieving a total blend with the urban landscape. It is especially designed to be installed in areas close to walls. Supports a load class up to D-400 according to Standard EN1433.

GRATINGS

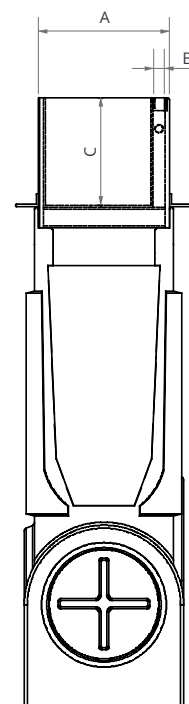
Material	Width mm	Code	Type	L mm	A mm	B mm	C mm	Intake area cm ² /ml	Compatible system
GALVANISED STEEL	100	GRL100RODM	OFFSET	500	131	9,8	105	98	MULTIV100
		GRL100ROD		1000	131	9,8	105	98	MULTIV100
		GRL100RODE18		1000	131	18	105	180	MULTIV100
		GRL100RODH150		1000	131	9,8	150	98	MULTIV100
		GRL100RODH150E18		1000	131	18	150	180	MULTIV100
		GRL100RODH200		1000	131	9,8	200	98	MULTIV100
		GRL100RODH200E18		1000	131	18	200	180	MULTIV100
	150	GRL150RODM		500	181	9,8	105	98	MULTIV150
		GRL150ROD		1000	181	9,8	105	98	MULTIV150
		GRL150RODE18		1000	181	18	105	180	MULTIV150
		GRL150RODH150		1000	181	9,8	150	98	MULTIV150
		GRL150RODH150E18		1000	181	18	150	180	MULTIV150
		GRL150RODH200		1000	181	9,8	200	98	MULTIV150
		GRL150RODH200E18		1000	181	18	200	180	MULTIV150
	200	GRL200RODM		500	231	9,8	105	98	MULTIV200
		GRL200ROD		1000	231	9,8	105	98	MULTIV200
		GRL200RODE18		1000	231	18	105	180	MULTIV200
		GRL200RODH150		1000	231	9,8	150	98	MULTIV200
		GRL200RODH150E18		1000	231	18	150	180	MULTIV200
		GRL200RODH200		1000	231	9,8	200	98	MULTIV200
		GRL200RODH200E18		1000	231	18	200	180	MULTIV200
	250	GRL250FOD		1000	305	18	150	180	S300F/F250K
	300	GRL300FOD		1000	355	18	150	180	S350F/F300K
STAINLESS STEEL	100	IRL100RODM	OFFSET	500	131	9,8	105	98	MULTIV100
		IRL100ROD		1000	131	9,8	105	98	MULTIV100
		IRL100RODE18		1000	131	18	105	180	MULTIV100
		IRL100RODH150		1000	131	9,8	150	98	MULTIV100
		IRL100RODH150E18		1000	131	18	150	180	MULTIV100
		IRL100RODH200		1000	131	9,8	200	98	MULTIV100
		IRL100RODH200E18		1000	131	18	200	180	MULTIV100
	150	IRL150RODM		500	181	9,8	105	98	MULTIV150
		IRL150ROD		1000	181	9,8	105	98	MULTIV150
		IRL150RODE18		1000	181	18	105	180	MULTIV150
		IRL150RODH150		1000	181	9,8	150	98	MULTIV150
		IRL150RODH150E18		1000	181	18	150	180	MULTIV150
		IRL150RODH200		1000	181	9,8	200	98	MULTIV150
		IRL150RODH200E18		1000	181	18	200	180	MULTIV150
	200	IRL200RODM		500	231	9,8	105	98	MULTIV200
		IRL200ROD		1000	231	9,8	105	98	MULTIV200
		IRL200RODE18		1000	231	18	105	180	MULTIV200
		IRL200RODH150		1000	231	9,8	150	98	MULTIV200
		IRL200RODH150E18		1000	231	18	150	180	MULTIV200
		IRL200RODH200		1000	231	9,8	200	98	MULTIV200
		IRL200RODH200E18		1000	231	18	200	180	MULTIV200
	250	IRL250FOD		1000	305	18	150	180	S300F/F250K
	300	IRL300FOD		1000	355	18	150	180	S350F/F300K



*Customised options available

ACCESS UNITS

Material	Width mm	Code	Type	L mm	A mm	B mm	C mm	Intake area cm ² /ml	Compatible system
GALVANISED STEEL	100	GRL100RODMA	OFFSET	500	128	9,8	105	98	MULTIV100
		GRL100RODMAE18		500	128	18	105	180	MULTIV100
		GRL100RODMAH150		500	128	9,8	150	98	MULTIV100
		GRL100RODMAH150E18		500	128	18	150	180	MULTIV100
		GRL100RODMAH200		500	128	9,8	200	98	MULTIV100
		GRL100RODMAH200E18		500	128	18	200	180	MULTIV100
	150	GRL150RODMA		500	178	9,8	105	98	MULTIV150
		GRL150RODMAE18		500	178	18	105	180	MULTIV150
		GRL150RODMAH150		500	178	9,8	150	98	MULTIV150
		GRL150RODMAH150E18		500	178	18	150	180	MULTIV150
		GRL150RODMAH200		500	178	9,8	200	98	MULTIV150
		GRL150RODMAH200E18		500	178	18	200	180	MULTIV150
	200	GRL200RODMA		500	228	9,8	105	98	MULTIV200
		GRL200RODMAE18		500	228	18	105	180	MULTIV200
		GRL200RODMAH150		500	228	9,8	150	98	MULTIV200
		GRL200RODMAH150E18		500	228	18	150	180	MULTIV200
		GRL200RODMAH200		500	228	9,8	200	98	MULTIV200
		GRL200RODMAH200E18		500	228	18	200	180	MULTIV200
	250	GRL250FODMA		500	302	18	150	180	S300F/F250K
	300	GRL300FODMA		500	352	18	150	180	S350F/F300K
STAINLESS STEEL	100	IRL100RODMA	OFFSET	500	128	9,8	105	98	MULTIV100
		IRL100RODMAE18		500	128	18	105	180	MULTIV100
		IRL100RODMAH150		500	128	9,8	150	98	MULTIV100
		IRL100RODMAH150E18		500	128	18	150	180	MULTIV100
		IRL100RODMAH200		500	128	9,8	200	98	MULTIV100
		IRL100RODMAH200E18		500	128	18	200	180	MULTIV100
	150	IRL150RODMA		500	178	9,8	105	98	MULTIV150
		IRL150RODMAE18		500	178	18	105	180	MULTIV150
		IRL150RODMAH150		500	178	9,8	150	98	MULTIV150
		IRL150RODMAH150E18		500	178	18	150	180	MULTIV150
		IRL150RODMAH200		500	178	9,8	200	98	MULTIV150
		IRL150RODMAH200E18		500	178	18	200	180	MULTIV150
	200	IRL200RODMA		500	228	9,8	105	98	MULTIV200
		IRL200RODMAE18		500	228	18	105	180	MULTIV200
		IRL200RODMAH150		500	228	9,8	150	98	MULTIV200
		IRL200RODMAH150E18		500	228	18	150	180	MULTIV200
		IRL200RODMAH200		500	228	9,8	200	98	MULTIV200
		IRL200RODMAH200E18		500	228	18	200	180	MULTIV200
	250	IRL250FODAM		500	302	18	150	180	S300F/F250K
	230	IRL300FODAM		500	352	18	150	180	S350F/F300K



*Customised options available



Application detail

