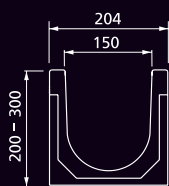
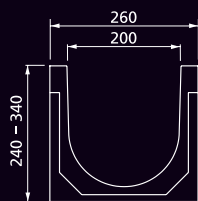


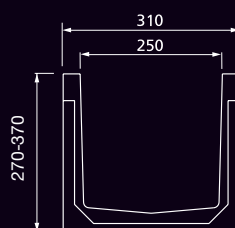
U100



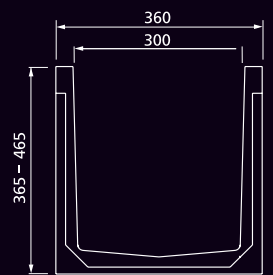
U150



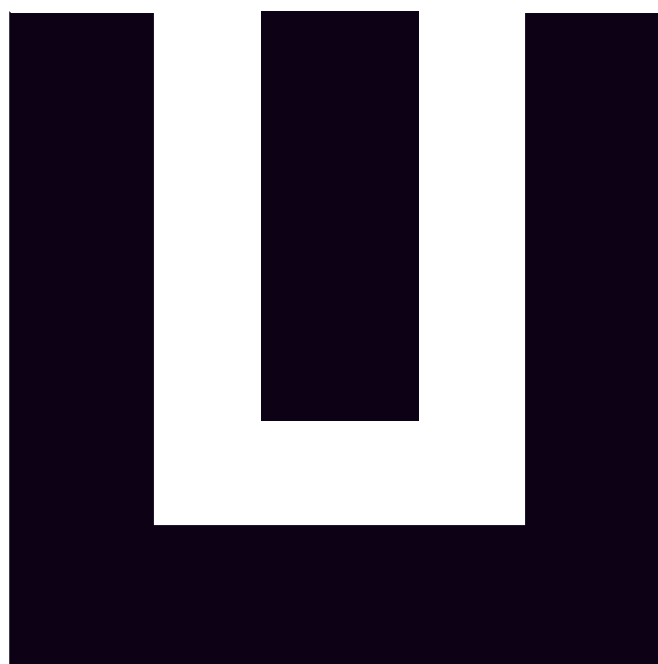
U200



U250



U300



U SYSTEM

APPLICATIONS: HOUSING ESTATES, SQUARES, PEDESTRIAN ACCESS TO CAR PARKS...

Channels without slope, with built-in slope, continuous and/or cascaded. A15, B125 and C250 class gratings.

The continuous and/or cascaded slope arrangement makes it possible to install long stretches of channelling between evacuation points.



WITHOUT SLOPE

U100
U150
U200
U250
U300



0,5% PRESLOPED

U100



CASCADED SLOPE

U100
U150
U200
U300



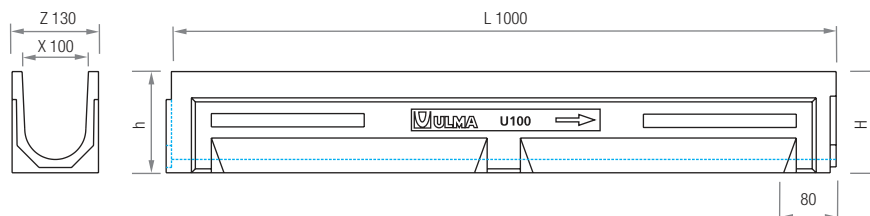
MIXED SLOPE

U100

U100

LOAD CLASS
UP TO C250
EN-1433 STANDARD

ULMA Linear Drainage Channel type U100: External width 130 mm; Internal width 100 mm; Available with overall heights between 130 and 230 mm for 0,5% presloped channels and between 130 and 280 mm for cascaded slope, to collect rainwater in 1 metre long units. Locking system consists of locking bar CS100 and screws.



Channel	L (mm)	Height (mm)		Width (mm)		Ø Outlet*(mm)		Hydraul. Section (cm ²)	Pcs. / Pallet
		h	H	Z	X	Vert.	Horiz.		
U100.00R	1000	130	130	130	100	110	-	97	90
U100.01	1000	130	135	130	100	-	-	97	90
U100.02	1000	135	140	130	100	-	-	101	90
U100.03	1000	140	145	130	100	-	-	106	78
U100.04	1000	145	150	130	100	-	-	111	78
U100.05	1000	150	155	130	100	-	-	116	78
U100.05R	1000	155	155	130	100	110	-	120	78
U100.06	1000	155	160	130	100	-	-	120	65
U100.07	1000	160	165	130	100	-	-	125	65
U100.08	1000	165	170	130	100	-	-	130	65
U100.09	1000	170	175	130	100	-	-	135	65
U100.10	1000	175	180	130	100	-	-	140	65
U100.10R	1000	180	180	130	100	110	110	145	65
U100.11	1000	180	185	130	100	-	-	145	65
U100.12	1000	185	190	130	100	-	-	150	65
U100.13	1000	190	195	130	100	-	-	155	65
U100.14	1000	195	200	130	100	-	-	159	65
U100.15	1000	200	205	130	100	-	-	164	65
U100.15R	1000	205	205	130	100	110	110	169	65
U100.16	1000	205	210	130	100	-	-	169	65
U100.17	1000	210	215	130	100	-	-	174	65
U100.18	1000	215	220	130	100	-	-	178	52
U100.19	1000	220	225	130	100	-	-	183	52
U100.20	1000	225	230	130	100	-	-	188	52
U100.20R	1000	230	230	130	100	110	110	193	52
U100.25R	1000	255	255	130	100	110	110	240	52
U100.30R	1000	280	280	130	100	110	110	288	52

*Vert. and horiz. outlets on order .

SLOPE DESIGNS



WITHOUT SLOPE



0,5 % PRESLOPED



CASCADED SLOPE



MIXED SLOPE

U100



GRATINGS

Material	Design	Load	Code	L (mm)	Width (mm)	Thickness (mm)	Opening (mm)	Units (x LM)
DUCTILE IRON	SLOTTED	B125	FNX100UCBM	500	130	6	14,9	2
	SLOTTED	C250	FNX100UCCM	500	130	6	13	2
GALVANIZED STEEL	SLOTTED	A15	GN100UCA	1000	130	3	9	1
	SLOTTED	A15	GN100UOA (1)	1000	130	3	8	1
	PERFORATED	A15	GP100UCA	1000	130	3	Ø 6	1
	MESH	B125	GEX100UCB33	1000	130	2	30 x 30	1
	HEELPROOF MESH	B125	GEHX100UCB	1000	130	2	30 x 10	1
	SINGLE SLOT	C250	GR100UOC (1)	1000	130	70	15	1
	DOUBLE SLOT	C250	GDR100UOC (1)	1000	130	70	2 x 12	1
	SLOTTED	A15	IN100UCA	1000	130	3	7	1
STAINLESS STEEL	PERFORATED	A15	IP100UCA	1000	130	3	Ø 6	1
	MESH	B125	IEX100UCB	1000	130	3	30 x 20	1

(1) Without screws.

LOCKING SYSTEM

LOCKING BAR.

Two locking bars and two screws per linear metre.



SUMP UNITS AND ACCESSORIES TABLE

Code	L (mm)	H (mm)	Width (mm)	Ø Outlet (mm)		Sump Units	Bucket
				Lateral	Front		
AU100	500	542	130	110/160	90	1	CU100

*Suitable up to height 20R.

END CAPS



Channel	Code	Type	Ø (mm)
U100.00R	T100U00C	CLOSED	-
	T100U00A	OPEN	110
U100.05R	T100U05C	CLOSED	-
	T100U05A	OPEN	110
U100.10R	T100U10C	CLOSED	-
	T100U10A	OPEN	110
U100.15R	T100U15C	CLOSED	-
	T100U15A	OPEN	110
U100.20R	T100U20C	CLOSED	-
	T100U20A	OPEN	110
U100.25R	T100U25C	CLOSED	-
	T100U25A	OPEN	110
U100.30R	T100U30C	CLOSED	-
	T100U30A	OPEN	110

STEP UNITS

Code
CEU100



GALVANIZED STEEL BUCKET

Code

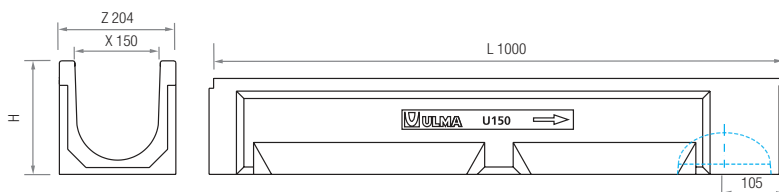
CU100



U150

LOAD CLASS
UP TO C250
EN-1433 STANDARD

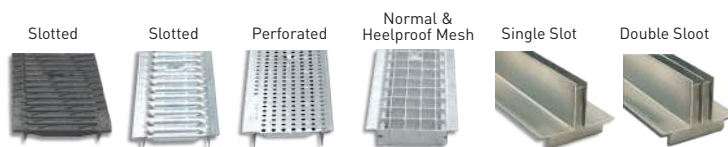
ULMA Linear Drainage Channel type U150: External width 204 mm; Internal width 150 mm; Available with overall heights between 200 mm and 300 mm. Suitable for cascaded type slope, to collect rainwater in 1 metre long units. Locking system consists of locking bar CS150 and screws.



Channel	L (mm)	H (mm)	Width (mm)		Ø Outlet* (mm)		Hydraul. Section (cm ²)	Pcs. / Pallet
			Z	X	Vert.	Hor.		
U150.00R	1000	200	204	150	160	110	230	45
U150.10R	1000	250	204	150	160	-	305	36
U150.20R	1000	300	204	150	160	-	380	27

*Vert. and horiz. outlets on order.

GRATINGS



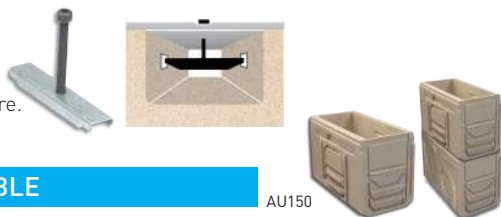
Material	Design	Load	Code	L (mm)	Width (mm)	Thickness (mm)	Opening (mm)	Units (x LM)
DUCTILE IRON	SLOTTED	B125	FNX150UCBM	500	200	5	13,75	2
	SLOTTED	C250	FNX150UCCM	500	200	5	13,75	2
GALVANIZED STEEL	SLOTTED	A15	GN150UCA	1000	200	3	8	1
	PERFORATED	A15	GP150UCA	1000	200	3	Ø 5	1
	MESH	B125	GEX150UCB33	1000	200	2	30 x 30	1
	HEELPROOF MESH	B125	GEHX150UCB	1000	200	2	30 x 10	1
	SINGLE SLOT	C250	GR150UOC (1)	1000	200	70	15	1
	DOUBLE SLOT	C250	GDR150UOC (1)	1000	200	70	2 x 12	1
STAINLESS STEEL	PERFORATED	A15	IP150UCA	1000	200	3	Ø 5	1
	MESH	B125	IEX150UCB	1000	200	3	30 x 20	1

(1) Without screws.

LOCKING SYSTEM

LOCKING BAR.

Two locking bars and two screws per linear metre.



SUMP UNITS AND ACCESSORIES TABLE

Code	L (mm)	H (mm)	Width (mm)	Ø Outlet (mm)		Sump Units	Bucket
				Lateral	Front		
AU150	500	328	204	160	110	1	-
AU150S + A150B	500	633*	204	160	110	2	C150

* The sump unit can be higher incorporating an intermediate unit.

END CAPS		Closed		Open	
Channel	Code	Type	Ø (mm)		
U150.00R	T150U00C	CLOSED	-		
	T150U00A	OPEN	160		
U150.10R	T150U10C	CLOSED	-		
	T150U10A	OPEN	160		
U150.20R	T150U20C	CLOSED	-		
	T150U20A	OPEN	160		

STEP UNITS

Code
CE150



WITHOUT SLOPE

GALVANIZED STEEL BUCKET *

Code
C150



*Only applicable if 2 sump units are installed.

CASCADED SLOPE

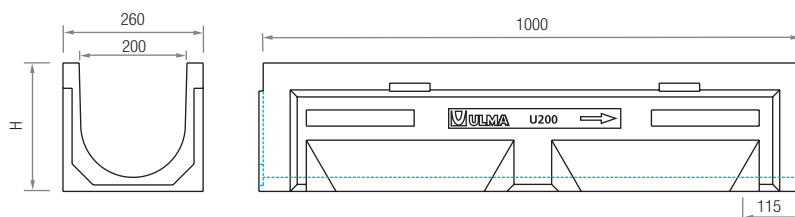
SLOPE DESIGNS



U200

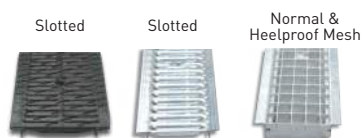
LOAD CLASS
UP TO C250
EN-1433 STANDARD

ULMA Linear Drainage Channel type U200: External width 260 mm; Internal width 200 mm; Available with overall heights between 240 mm and 340 mm. Suitable for cascaded type slope to collect rainwater in 1 metre long units. Locking system consists of locking bar CS200 and screws.



Channel	L (mm)	H (mm)	Width (mm)		Ø Outlet* (mm)		Hydraul. Section (cm ²)	Pcs. / Pallet
			Z	X	Vert.	Hor.		
U200.00R	1000	240	260	200	160	-	374	28
U200.10R	1000	290	260	200	160	-	473	28
U200.20R	1000	340	260	200	160	-	571	21

*Vert. outlets on order.



GRATINGS

Material	Design	Load	Code	L (mm)	Width (mm)	Thickness (mm)	Opening (mm)	Units (x LM)
DUCTILE IRON	SLOTTED	C250	FNX200UCCM	500	250	6	10	2
GALVANIZED STEEL	SLOTTED	A15	GN200UCA	1000	250	4	8,5	1
	MESH	B125	GEX200UCB33	1000	250	2,5	30 x 30	1
	HEELPROOF MESH	B125	GEHX200UCB	1000	250	2,5	30 x 10	1

LOCKING SYSTEM

LOCKING BAR.
Two locking bars and two screws per linear metre.



SUMP UNITS AND ACCESSORIES TABLE

Code	L (mm)	H (mm)	Width (mm)	Ø Outlet (mm)		Sump Units	Bucket
				Lateral	Front		
AU200	500	338	260	160/200	-	1	-
AU200S + A200B	500	680*	260	160/200	-	2	C200

* The sump unit can be higher incorporating an intermediate unit.

Channel	Closed		Open	
	Code	Type	Ø (mm)	
U200.00R	T200U00C	CLOSED	-	
	T200U00A	OPEN	200	
U200.10R	T200U10C	CLOSED	-	
	T200U10A	OPEN	200	
U200.20R	T200U20C	CLOSED	-	
	T200U20A	OPEN	200	

STEP UNITS

Code
CE200



GALVANIZED STEEL BUCKET *

Code
C200



*Only applicable if 2 sump units are installed.

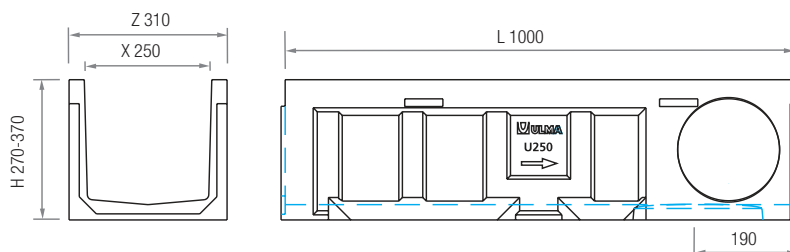
SLOPE DESIGNS



U250

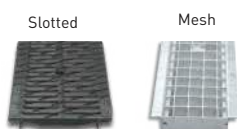
LOAD CLASS
UP TO C250
EN-1433 STANDARD

ULMA Linear Drainage Channel type U250.00R: External width 310 mm; Internal width 250 mm, and overall height between 270 and 370 mm, to collect rainwater in 1 metre long units. Locking system consists of locking bar CS250 and screws.



Channel	L (mm)	H (mm)	Width (mm)		Ø Outlet* (mm)		Hydraul. Section (cm ²)	Pcs. / Pallet
			Z	X	Vert.	Hor.		
U250.00R	1000	270	310	250	250	200	580	28
U250.10R	1000	320	310	250	250	200	706	21
U250.20R	1000	370	310	250	250	200	828	21

*Vert. and horiz. outlets on order.

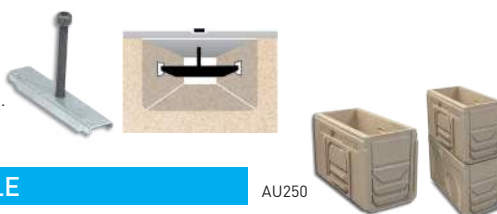


GRATINGS

Material	Design	Load	Code	L (mm)	Width (mm)	Thickness (mm)	Opening (mm)	Units (x LM)
DUCTILE IRON	SLOTTED	B125	FNX250UCBM	500	300	6	13,2	2
	SLOTTED	C250	FNX250UCCM	500	300	6	14	2
GALVANIZED STEEL	MESH	B125	GEX250UCB	1000	300	3	30 x 20	1

LOCKING SYSTEM

LOCKING BAR.
Two locking bars and two screws per linear metre.



SUMP UNITS AND ACCESSORIES TABLE

Code	L (mm)	H (mm)	Width (mm)	Ø Outlet (mm)		Sump Units	Bucket
				Lateral	Front		
AU250	500	375	310	160/200	-	1	-
AU250S + A250B	500	725*	310	160/200	-	2	C250

* The sump unit can be higher incorporating an intermediate unit.

Channel	END CAPS		Type	Ø (mm)
	Code	Type		
U250.00R	T250U00C	CLOSED	-	-
	T250U00A	OPEN	200	200
U250.10R	T250U10C	CLOSED	-	-
	T250U10A	OPEN	200	200
U250.20R	T250U20C	CLOSED	-	-
	T250U20A	OPEN	200	200

GALVANIZED STEEL BUCKET *

Code
C250



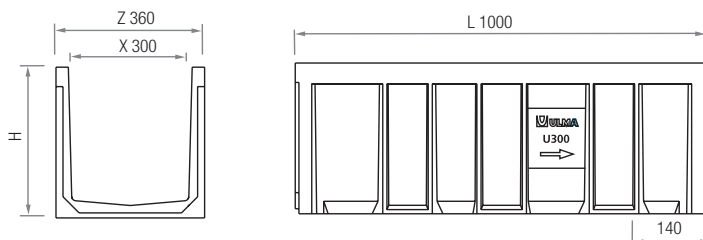
*Only applicable if 2 sump units are installed.



U300

LOAD CLASS
UP TO B125
EN-1433 STANDARD

ULMA Linear Drainage Channel type U300: External width 360 mm; Internal width 300 mm; Available with overall heights between 365 mm and 465 mm. Suitable for cascaded type slope to collect rainwater in 1 metre long units. Locking system consists of locking bar CS300 and screws.



Channel	L (mm)	H (mm)	Width (mm)		Ø Outlet* (mm)		Hydraul. Section (cm ²)	Pcs. / Pallet
			Z	X	Vert.	Hor.		
U300.00R	1000	365	360	300	200	-	975	15
U300.10R	1000	415	360	300	200	-	1110	10
U300.20R	1000	465	360	300	200	-	1250	10

*Vert. outlets on order.

Mesh



GRATING

Material	Design	Load	Code	L (mm)	Width (mm)	Thickness (mm)	Opening (mm)	Units (x LM)
GALVANIZED STEEL	MESH	B125	GEX300UCB	1000	360	3	30 x 20	1

LOCKING SYSTEM

LOCKING BAR.
Two locking bars and two screws per linear metre.



SUMP UNITS AND ACCESSORIES TABLE

Code	L (mm)	H (mm)	Width (mm)	Ø Outlet (mm)		Sump Units	Bucket
				Lateral	Front		
AU300	500	365	360	200	-	1	-
AU300S + A300B	500	705*	360	200	-	2	C250

* The sump unit can be higher incorporating an intermediate unit.

END CAPS		Closed		Open	
Channel	Code	Type	Ø (mm)		
U300.00R	T300U00C	CLOSED	-		
	T300U00A	OPEN	300		
U300.10R	T300U10C	CLOSED	-		
	T300U10A	OPEN	300		
U300.20R	T300U20C	CLOSED	-		
	T300U20A	OPEN	300		

STEP UNITS

Code

CE300



GALVANIZED STEEL BUCKET *

Code

C250



*Only applicable if 2 sump units are installed.

SLOPE DESIGNS

