

SKIP

The system:

- it supports 3 load classes (A15, B125, C250) in compliance with Standard EN 1433
- it is made up of a channel - entirely made from HD-PE - which has a 20 mm high toe board and needs no strengthening frame
- it has a wide usable section for drainage and uses lightweight gratings with optimised sizes
- it comprises a wide range of different gratings (with rungs, slots, square mesh, anti-heel mesh) made from galvanised steel, stainless steel, ductile iron and HD-PE. A HD-PE blind cover is available too.
- it is supplemented with different fixing systems, which are ideal for all requirements and range from the classic tie-rod to a simple locking system using a protrusion inside the channel
- grating protection is ensured by the HD-PE edge
- it comes equipped with a convenient drain gate, which minimises its size
- since the edge shows the exact dimensions for the paving, easy and accurate installation is ensured
- it is ideal for residential areas, sport facilities, private car parks.
- it comes complete with drain boxes with siphon
- the range is made up of 2 channels with 1 width and 2 heights (100/55 and 100/80)



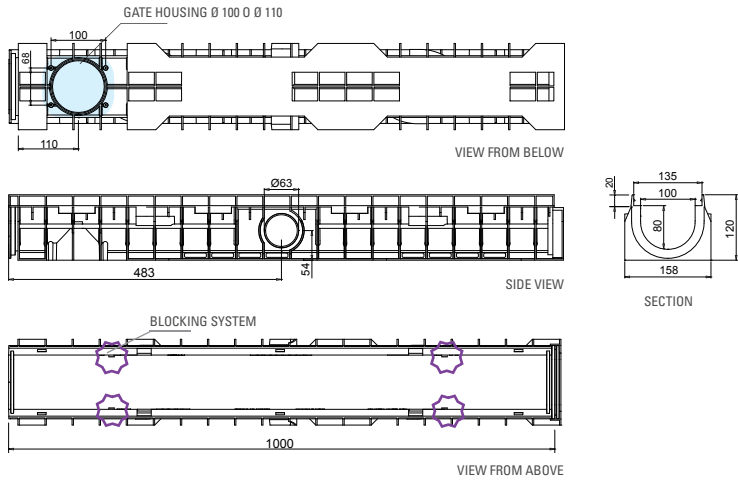


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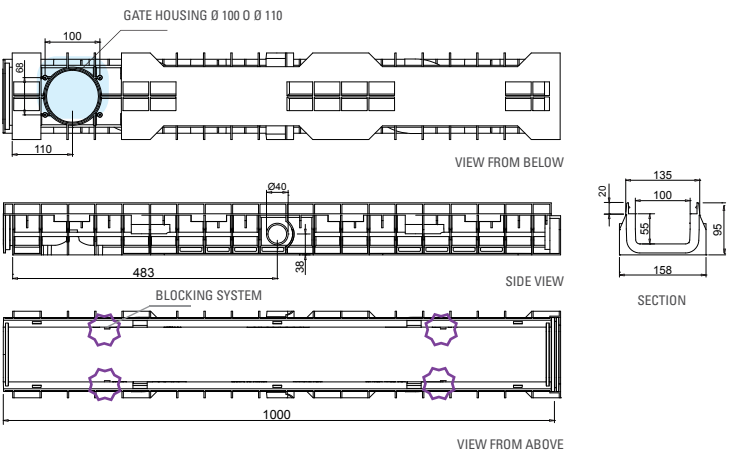


CHANNELS

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SKIP 100/80								
CODE	PRICE	MATERIAL	EXTERNAL DIMENSIONS L x l x h	INTERNAL DIMENSIONS L x l x h	WEIGHT	DRAINAGE SURFACE	CAPACITY	PREINSTALLED DRAIN
	€		mm	mm	Kg	cm ²		mm
707000		PE-HD	1000 x 158 x 120	1000 x 100 x 80	1,75	69,28	6,92	side 2 x Ø 63 bottom ¹ 1 x Ø 100; 1 x Ø 110



SKIP 100/55								
CODE	PRICE	MATERIAL	EXTERNAL DIMENSIONS L x l x h	INTERNAL DIMENSIONS L x l x h	WEIGHT	DRAINAGE SURFACE	CAPACITY	PREINSTALLED DRAIN
	€		mm	mm	Kg	cm ²		mm
707001		PE-HD	1000 x 158 x 95	1000 x 100 x 55	1,55	54,44	5,44	side 2 x Ø 40 bottom ¹ 1 x Ø 100; 1 x Ø 110

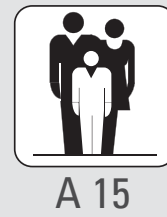
1- For drainage purposes use the drain gate with outlet kit (available in two versions Ø100 and Ø110).

N.B. Waterproofing: in order to ensure the waterproofness of channels, a bituminous adhesive sealant should be used by heat-sealing the channel joints it makes sure there will be no leakages for a very long time. For further information please contact MufleSystem's Technical Department.

N.B. Sizes and weights are subject to usual manufacturing tolerance values.



GRATINGS



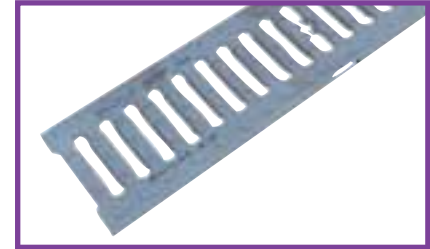
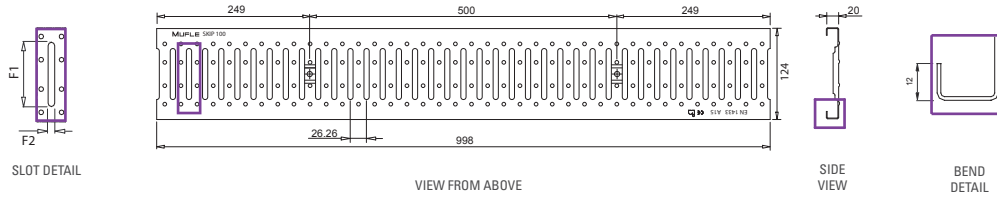
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APPLICATIONS OF GALVANISED STEEL

Green areas and parks
Pedestrian areas and/or cycle lanes
Sports facilities
Terraces

APPLICATIONS OF STAINLESS STEEL

Green areas and parks
Pedestrian areas and/or cycle lanes
Sports facilities
Terraces
Kitchens in hospitals, restaurants and similar facilities



SLOTTED GRATING									
CODE	PRICE €	MATERIAL	DIMENSIONS L x l x h mm	WEIGHT Kg	DRAINAGE SURFACE cm ²	OPENINGS F1 X F2 mm	FIXING SYSTEM		
							tie-tod	clip	protrusion (no fixing) ⁴
507122		galvanised steel DX51D ³	998 x 124 x 20	1,30	2,35	83,0 x 8,5			
507123		pickled stainless steel AISI 304 ²							
507124		galvanised steel DX51D ³	498 x 124 x 20	0,65	1,175				
507125		pickled stainless steel AISI 304 ²							

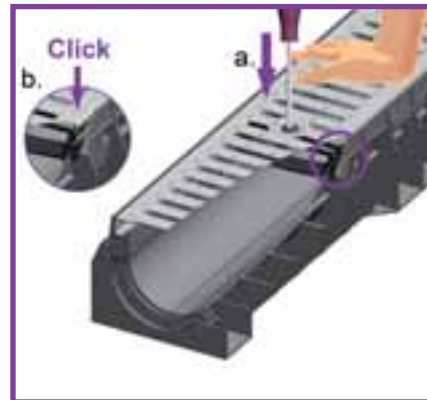
RATING ASSEMBLY BY MEANS OF CLIPS

- Place the grating on the channel. Match the slots on the back to the hooks of the SKIP clips. Use a screwdriver to apply pressure on the bar;
- Introduce the grating with one hand until it is completely hooked.



DISASSEMBLY OF THE GRATING

- Use a screwdriver to apply pressure on the SKIP clip until it is released;
- Lift it out.



The SKIP clip makes it possible to fix the rung and PE-HD SKIP gratings quickly and safely with neither nuts nor bolts.

2- Classification according to American Standard ASTM.

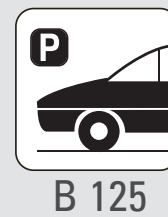
3- Classification according to Standard EN 10142 (2002) and symbolic designation according to EN 10027-1 (-2) (2006).

4- Hooking system using a protrusion inside the channel. The blocking system does not fix the grating to the channel. Either the tie-rod or the clip system should be used for steady fixing.

N.B. Sizes and weights are subject to usual manufacturing tolerance values.



GRATINGS



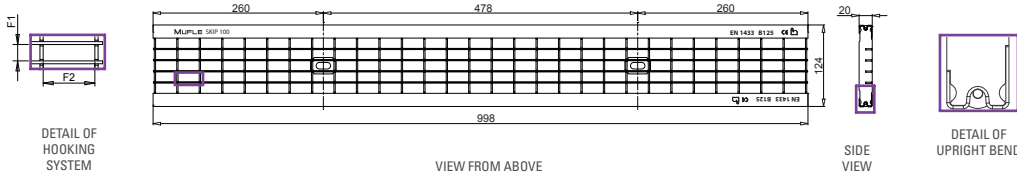
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APPLICATIONS OF GALVANISED STEEL

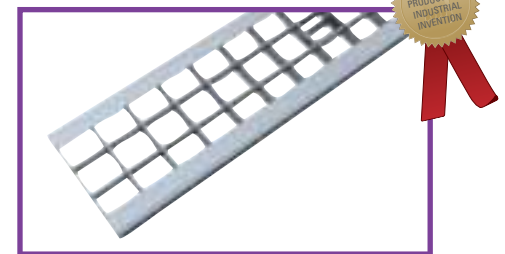
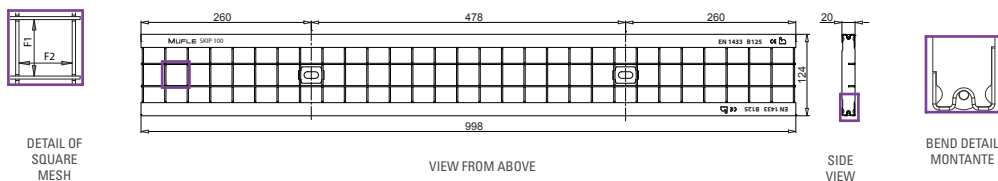
Pavements
Lay-bys and private car parks

APPLICATIONS OF STAINLESS STEEL

Pavements
Lay-bys and private car parks
Food factories
Chemically aggressive environments



ANTI-HEEL MESH GRATING								20 mm	
CODE	PRICE	MATERIAL	DIMENSIONS L x l x h	WEIGHT	DRAINAGE SURFACE	OPENINGS F1 X F2	FIXING SYSTEM		
	€		mm	Kg	cm ²	mm	tie-tod	protrusion (no fixing) ⁴	
507104		hot dip galvanised steel DD11 (1.0332) ⁵	998 x 124 x 20	2,90	7,19	15,2 x 32,2			
507112		pickled stainless steel AISI 304 ²							
507106		hot dip galvanised steel DD11 (1.0332) ⁵	498 x 124 x 20	1,45	3,60				
507116		pickled stainless steel AISI 304 ²							



SQUARE MESH GRATING								20 mm	
CODE	PRICE	MATERIAL	DIMENSIONS L x l x h	WEIGHT	DRAINAGE SURFACE	OPENINGS F1 X F2	FIXING SYSTEM		
	€		mm	Kg	cm ²	mm	tie-tod	protrusion (no fixing) ⁴	
507105		hot dip galvanised steel DD11 (1.0332) ⁵	998 x 124 x 20	2,60	7,50	32,2 x 32,2			
507114		pickled stainless steel AISI 304 ²							
507107		hot dip galvanised steel DD11 (1.0332) ⁵	498 x 124 x 20	1,30	3,75				
507118		pickled stainless steel AISI 304 ²							

2- Classification according to American Standard ASTM.

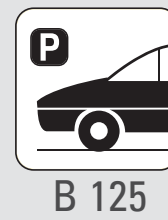
4- Hooking system using a protrusion inside the channel. The blocking system does not fix the grating to the channel. Either the tie-rod or the clip system should be used for steady fixing.

5- Classification according to Standard EN 10111 (2008) and symbolic designation according to EN 10027-1 (-2) (2006).

N.B. Sizes and weights are subject to usual manufacturing tolerance values.



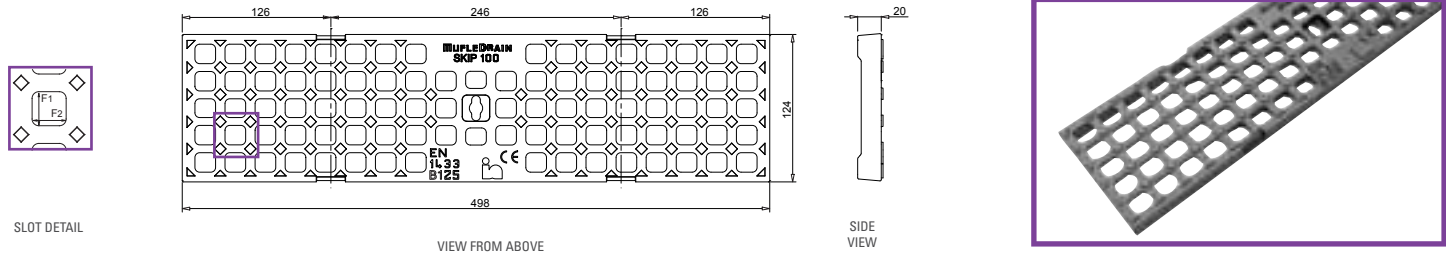
GRATINGS

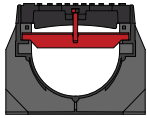


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APPLICATIONS OF DUCTILE IRON

Pavements
Lay-bys and private car parks



MESH GRATING								20 mm	
CODE	PRICE €	MATERIAL	DIMENSIONS L x l x h mm	WEIGHT Kg	SECTION DRAINAGE cm ²	OPENINGS F1 X F2 mm	FIXING SYSTEM		
							tie-tod	no fixing	
507100		GJS 500/7 ⁶ ductile iron water based paint coated	498 x 124 x 20	2,90	2,40	17,5 x 16,5		up to Class C250 as per Standard EN 1433	

6- Classification according to Standard EN 1563 (2009).
N.B. Sizes and weights are subject to usual manufacturing tolerance values.



GRATINGS

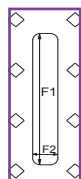


C 250

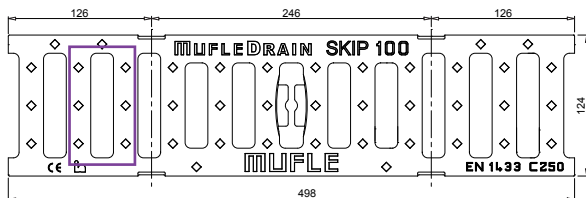
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APPLICATIONS OF DUCTILE IRON

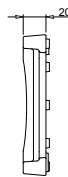
- Kerbs
- Historical town centres (slow traffic)
- Parking areas
- Parking decks



SLOT DETAIL



VIEW FROM ABOVE




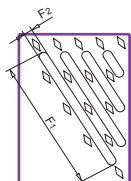
SIDE VIEW



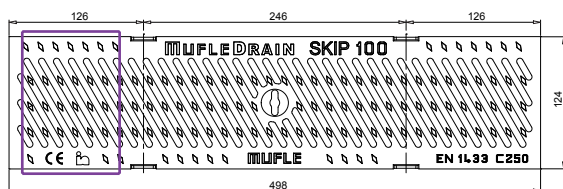
SLOTTED GRATING 20 mm



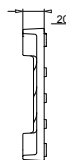
CODE	PRICE €	MATERIAL	DIMENSIONS L x l x h mm	WEIGHT Kg	SECTION DRAINAGE cm ²	OPENINGS F1 X F2 mm	FIXING SYSTEM	
							tie-tod	no fixing
507102		GJS 500/7 ⁶ ductile iron water based paint coated	498 x 124 x 20	3,00	1,96	92,0 x 20,0		up to Class C250 as per Standard EN 1433



SLOT DETAIL



VIEW FROM ABOVE




SIDE VIEW



SLOTTED GRATING 6 mm



CODE	PRICE €	MATERIAL	DIMENSIONS L x l x h mm	WEIGHT Kg	SECTION DRAINAGE cm ²	OPENINGS F1 X F2 mm	FIXING SYSTEM	
							tie-tod	no fixing
507101		GJS 500/7 ⁶ ductile iron water based paint coated	498 x 124 x 20	3,10	1,87	95,0 x 6,0		up to Class C250 as per Standard EN 1433

6- Classification according to Standard EN 1563 (2009).
N.B. Sizes and weights are subject to usual manufacturing tolerance values.



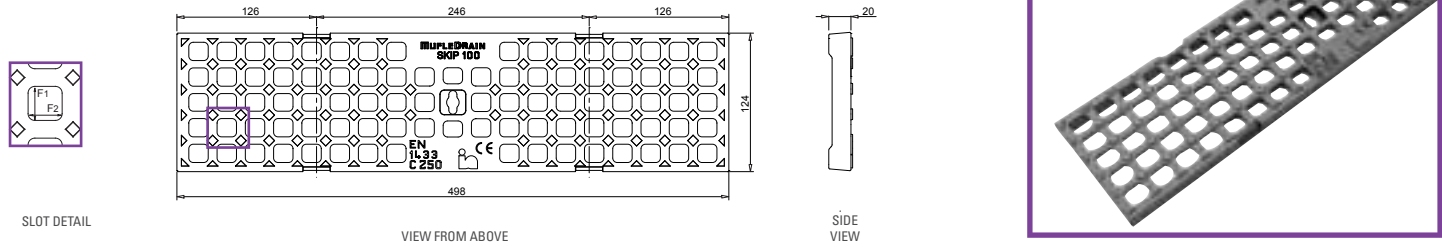
GRATINGS



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APPLICATIONS OF DUCTILE IRON

- Kerbs
- Historical town centres (slow traffic)
- Parking areas
- Parking decks



MESH GRATING								20 mm	
CODE	PRICE	MATERIAL	DIMENSIONS L x l x h	WEIGHT	SECTION DRAINAGE	OPENINGS F1 X F2	FIXING SYSTEM		
	€		mm	Kg	cm ²	mm	tie-tod	no fixing	
507103		GJS 500/7 ⁶ ductile iron water based paint coated	498 x 124 x 20	3,60	2,40	16,5 x 17,5		up to Class C250 as per Standard EN 1433	

6- Classification according to Standard EN 1563 (2009).
N.B. Sizes and weights are subject to usual manufacturing tolerance values.



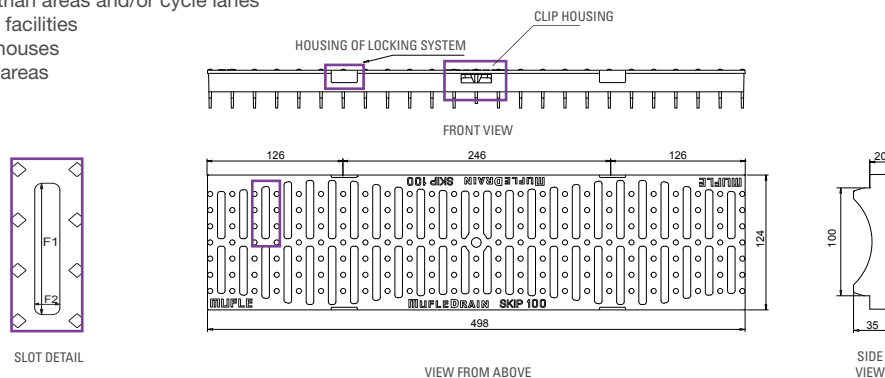
GRATINGS



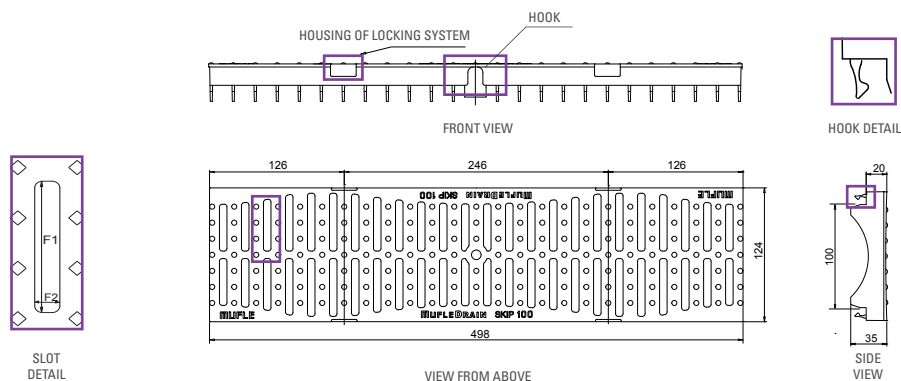
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APPLICATIONS OF HD-PE

- Residential and condominium areas
- Pedestrian areas and/or cycle lanes
- Sports facilities
- Greenhouses
- Green areas



SLOTTED GRATING 7 mm								35 mm	
CODE	PRICE €	MATERIAL	DIMENSIONS L x l x h mm	WEIGHT kg	DRAINAGE SURFACE dm ²	OPENINGS F1 x F2 mm	FIXING SYSTEM		
							clip	protrusion ⁴	
507121		HD-PE black	498 x 124 x 20	0,32	16,05	54,0 x 7,0			



SLOTTED GRATING 7 mm WITH HOOKS								35 mm	
CODE	PRICE €	MATERIAL	DIMENSIONS L x l x h mm	WEIGHT kg	DRAINAGE SURFACE dm ²	OPENINGS F1 x F2 mm	FIXING SYSTEM		
							protrusion ⁴	hook	
507126		HD-PE black	498 x 124 x 20	0,32	16,05	54,0 x 7,0			



SKIP HD-PE gratings cannot be certified because Standard EN 1433 does not yet provide for specific tests for plastic-material gratings. The tests carried out by Mufle showed that SKIP HD-PE gratings can be defined as "Walk-Over".

4- Hooking system using a protrusion inside the channel. The blocking system does not fix the grating to the channel. Either the tie-rod or the clip system should be used for steady fixing.
N.B. Sizes and weights are subject to usual manufacturing tolerance values.



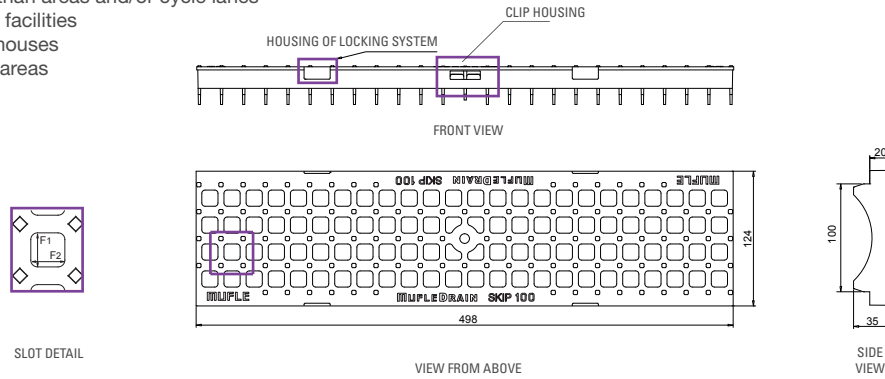
GRATINGS



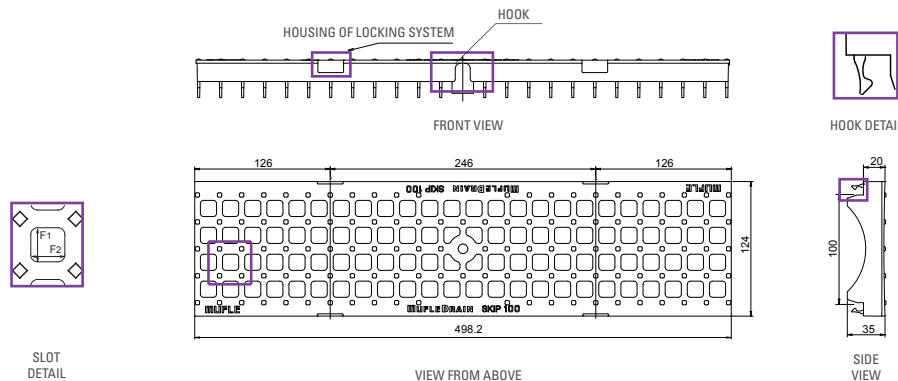
**SKIP
100**

APPLICATIONS OF HD-PE

- Residential and condominium areas
- Pedestrian areas and/or cycle lanes
- Sports facilities
- Greenhouses
- Green areas



SQUARE MESH GRATING								35 mm	
CODE	PRICE	MATERIAL	DIMENSIONS L x l x h	WEIGHT	DRAINAGE SURFACE	OPENINGS F1 x F2	FIXING SYSTEM		
	€		mm	kg	dm ²	mm	clip	protrusion ⁴	
507120		HD-PE black	498 x 124 x 20	0,33	20,505	15,0 x 15,0			



SQUARE MESH GRATING WITH HOOKS								35 mm	
CODE	PRICE	MATERIAL	DIMENSIONS L x l x h	WEIGHT	DRAINAGE SURFACE	OPENINGS F1 x F2	FIXING SYSTEM		
	€		mm	kg	dm ²	mm	protrusion ⁴	hook	
507127		HD-PE black	498 x 124 x 20	0,33	20,505	15,0 x 15,0			

NOT CERTIFIED

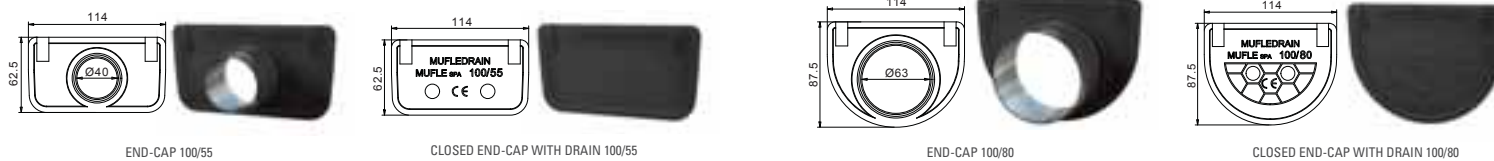
SKIP HD-PE gratings cannot be certified because Standard EN 1433 does not yet provide for specific tests for plastic-material gratings. The tests carried out by Mufle showed that SKIP HD-PE gratings can be defined as "Walk-Over".

4- Hooking system using a protrusion inside the channel. The blocking system does not fix the grating to the channel. Either the tie-rod or the clip system should be used for steady fixing.
N.B. Sizes and weights are subject to usual manufacturing tolerance values.



ACCESSORIES

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END-CAP 100/55

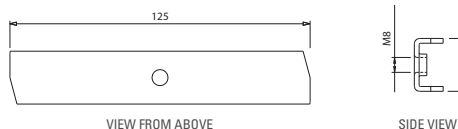
CLOSED END-CAP WITH DRAIN 100/55

END-CAP 100/80

CLOSED END-CAP WITH DRAIN 100/80

END CAPS

CODE	PRICE €	TYPE	MATERIAL	VALID FOR CHANNELS	PREINSTALLED DRAIN
700500		end-cap with drain	PE-HD	100/55	1 x Ø 40
700508		closed end-cap	PE-HD	100/55	-
700501		end-cap with drain	PE-HD	100/80	1 x Ø 63
700509		closed end-cap	PE-HD	100/80	-



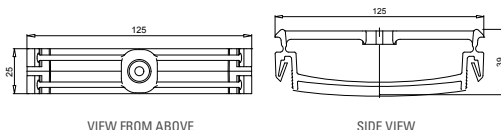
VIEW FROM ABOVE

SIDE VIEW



KIT TIE-ROD + SCREWS

CODE	PRICE €	MATERIAL	VALID FOR GRATINGS	SCREW	KIT FOR 1 ml
500421		galvanised steel	SKIP galvanised steel	M8 x 55 TBL combi	2 tie-rods + 2 screws
500422		stainless steel	SKIP stainless steel	M8 x 55 TBL combi stainless steel	2 tie-rods + 2 screws
500423		black galvanised steel	SKIP ductile iron	M8 x 55 black with hexagonal head	2 tie-rods + 2 screws



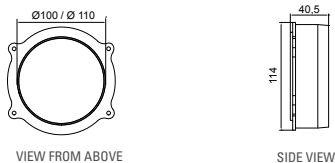
VIEW FROM ABOVE

SIDE VIEW



KIT CLIP

CODE	PRICE €	MATERIAL	VALID FOR GRATINGS	KIT FOR 1 ml
510212		PE-HD	SKIP galvanised steel - inox - PE-HD	2 clip



VIEW FROM ABOVE

SIDE VIEW



KIT OUTLET + SCREWS

CODE	PRICE €	MATERIAL	VALID FOR CHANNELS	DIAMETER mm	KIT FOR 1 ml
506114		PE-HD	100/55 - 100/80	Ø 100	1 outlet Ø 100 + 4 screws
506115		PE-HD	100/55 - 100/80	Ø 110	1 outlet Ø 110 + 4 screws

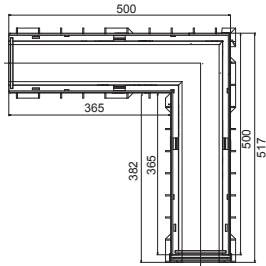
N.B. Sizes and weights are subject to usual manufacturing tolerance values.



SPECIAL PIECES

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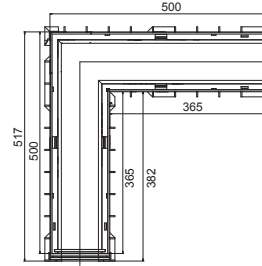
LEFT CORNER



SKIP 100

CODE	PRICE €	MODEL
707100		100/80
707101		100/55

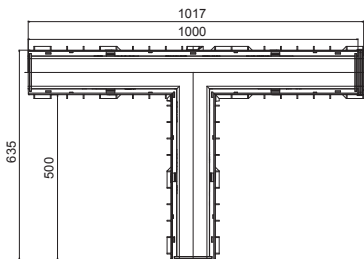
RIGHT CORNER



SKIP 100

CODE	PRICE €	MODEL
707102		100/80
707103		100/55

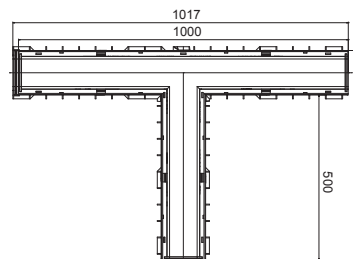
LEFT TI



SKIP 100

CODE	PRICE €	MODEL
707104		100/80
707105		100/55

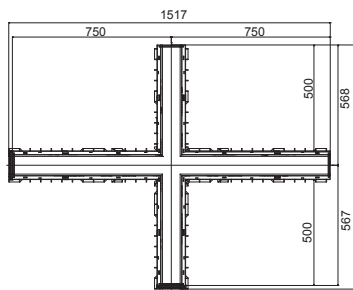
RIGHT TI



SKIP 100

CODE	PRICE €	MODEL
707106		100/80
707107		100/55

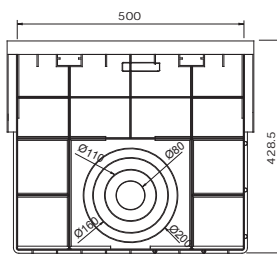
CROSS



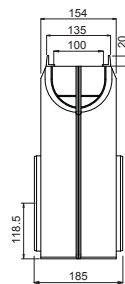
SKIP 100

CODE	PRICE €	MODEL
707108		100/80
707109		100/55

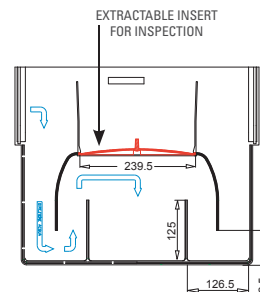
DRAIN BOX WITH SYPHON



FRONT VIEW



SIDE VIEW



SECTION

SKIP 100

CODE	PRICE €	MATERIAL	EXTERNAL DIMENSIONS L x l x h mm	INTERNAL DIMENSIONS L x l x h mm	MAXIMUM LARGE mm	HEIGHT OF OUTLETS mm	WEIGHT Kg	PREINSTALLED DRAIN mm
707002		PE-HD	500 x 135 x 428,5	500 x 100 x 400	158	118,5	2,68	2 x Ø 80; 2 x Ø 110; 2 x Ø 160; 2 x Ø 200

N.B. Sizes and weights are subject to usual manufacturing tolerance values.