

## GDR10AFR / Invisible slot grating for pedestrian / light vehicle 0.5 m PVC. REVERSIBLE SLOT GRATING LOAD CLASS A15 / L15

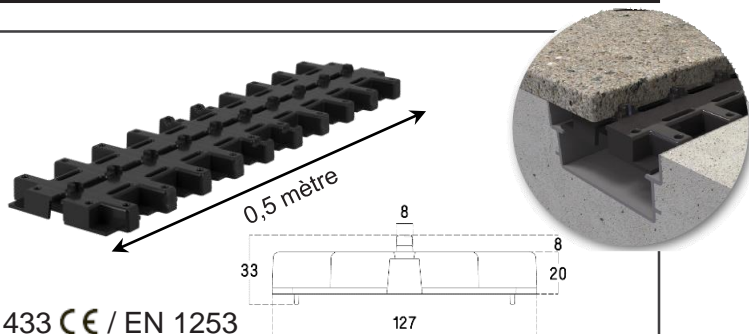
### FUNCTION :

Enables the drainage of run-off waters.

Complies with the NF EN 1433 standard and bears the C E marking. Can be installed in areas defined in the Group 1 Load class A15<sup>1</sup> (pedestrians)

When used for interior layout or close proximity (1 m) to the building, this grating is in compliance with the L15<sup>1</sup> class (light vehicles) from NF EN 1253-4 standard.

EN 1433 C E / EN 1253



<sup>1</sup> NF EN 1433 – A15 : only for pedestrian areas..

NF EN 1253 – L15 : light vehicule traffic areas, like commercial and public places, excluding mobile work equipment (handling trolley, scrubber dryer...)

### DESCRIPTION :

A dark grey PVC reversible slot grating (GDR10AFR).

The grating is completely invisible and suitable for all floor coverings<sup>1</sup> (paving stones, pavements, floor tiles,...). Thanks to its concealed stoppers, this solution offers a high discretion and a complete integration of the channel in the surrounding environment.

<sup>1</sup> Except pavings on blocks, wood/composite terraces, mastic asphalt and de-activated concrete.

This technical solution enables the grating to serve for 2 purposes (slot grating and access cover) with the same product. Implemented on the front side (stoppers upwards), the grating serves as slot drainage, once the floor covering is glued. On the reverse side (stoppers downwards), it creates a removable access to clean inside the channel.

### ACCESSORIES :

The grid is compatible with channel body Connecto L100 :

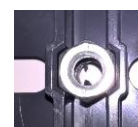
- Drain channel - height 55 - width 130 – length 4 m – **CAB134**
- Drain channel - height 60 - width 130 - length 1 m – **CAB773**
- Drain channel - height 115 - width 130 - length 0,5 m – **CAN177**

The connection to the network can be made thanks to the following PVC accessories :

- end cap/end or side outlet Ø 40 mm for low rise channel - **NAH773 & NAHJ13**
- end cap/end or side outlet Ø 100 mm for high rise channel – **NAT177**
- end cap/end or side outlet Ø 110 mm for high rise channel – **NAV177**
- vertical outlet Ø 50 mm – **NPC50**
- vertical outlet Ø 80 mm – **NPC80**
- vertical outlet Ø 100 mm – **STCAN & STCAB13**
- vertical outlet Ø 110 mm – **SVCAN & SVCAB13**

*NB: For applications requiring a siphoned outlet, possibility of customization by the factory.*

In case of access trap setting, the grating is equipped with 2 nuts housings on the reverse side (M8 nut not supplied).



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# **REVERSIBLE SLOT GRATING LOAD CLASS A15 / L15**

### **CHARACTERISTICS :**

- Load resistance : A15- EN 1433 and L15–EN 1253-4
- Patent registered
- Length : 0,5m
- Width : 128 mm
- Depth : 34 mm
- Type of grating : invisible slot / reversible (access trap)
- Slot dimension : 8 mm
- Slot height : 8 mm
- Material : PVC
- Weight : 0,495 kg/0,5ml
- Absorption surface : 54 cm<sup>2</sup>/ linear meter
- Grid flow rate (see table below) :

Channel body	Outlet		Slope (%)	Flow rate <sup>3</sup> (l/s)
	Orientation	Ø (mm)		
CAB134	Horizontal	DI40	≥ 0,5%	0,65
CAB134	Horizontal	DE50	≥ 0,5%	0,80
CAB134	Vertical	DE50	NA	1,10
CAB134	Vertical	DE80	NA	1,78
CAB134	Vertical	DE100	NA	1,98
CAB134	Vertical	DE110	NA	1,97
CAB773	Horizontal	DE40	≥ 0,5%	0,60
CAB773	Vertical	DE100	NA	2,18
CAB773	Vertical	DE110	NA	2,21

<sup>3</sup> Flow rate measured for one grid of 0,5 ml, following the protocol of EN 1253 (“gullies for buildings” §4.8 & 5.9), under constant 20 mm water depth for 10 minutes. To check compliance with minimum flow rates for use inside buildings.

*These values of flow rates are valid only with these test conditions, they can not be used to design a long length drainage channel.*

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