



ACO RainDrain® Brickslot B 125

DATA SHEET

Discreet slot drainage channel for patios and domestic driveways.

The discreet 10mm-wide inlet slot delivers a minimalist surface finish, while the RainDrain channel beneath effectively drains domestic paved surfaces.*

ACO's polymer concrete RainDrain channel and Brickslot grating is suitable for both pedestrian and domestic vehicular installations up to load class B125.

The Brickslot grating and access cover are available in either galvanised or stainless steel. Stainless steel offers improved performance and delivers a distinct, high-end finish to paving projects.



ACO RainDrain® Brickslot B 125

Benefits

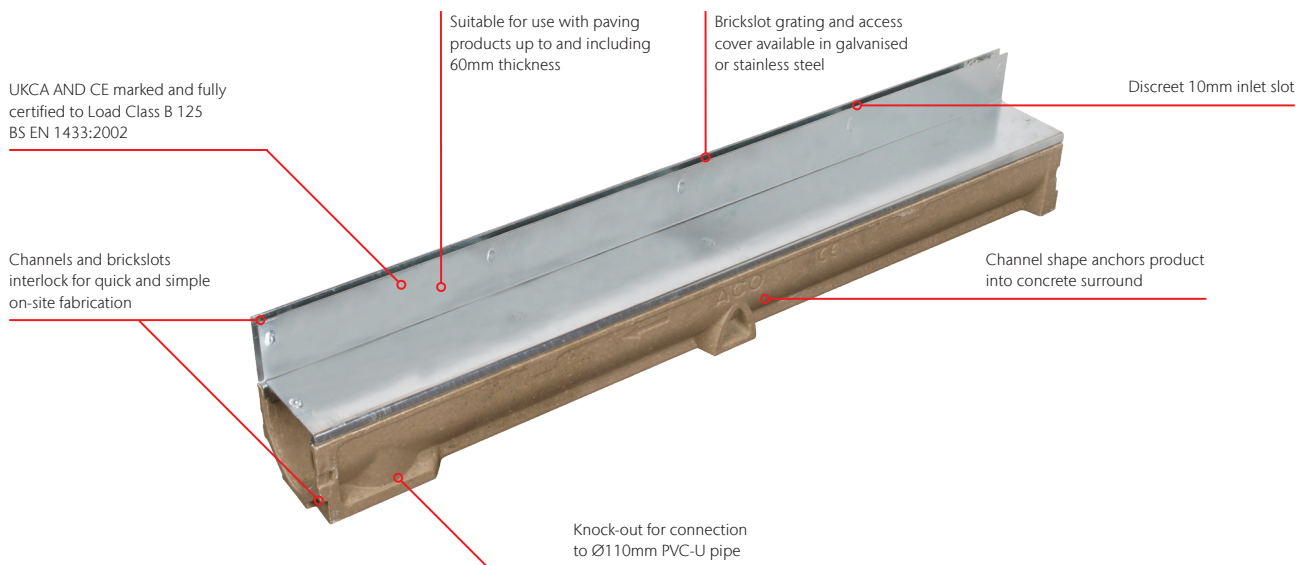
- The grating's offset profile is suitable for use with paving products up to and including 60mm thickness and allows installation adjacent to a wall
- RainDrain channels and Brickslot gratings interlock for a quick and easy installation
- Full range of accessories for a professional installation

Applications

- Patios
- Driveways
- Small private car parks

*A 10m run could drain up to 145m² paved area during a 50mm per hour rainfall event (in accordance with the guidance in Building Regulations for England 2015 Section H3 2.4).

System Overview



One system, two choices of Brickslot

Both the **galvanised** and **stainless steel** Brickslot gratings deliver the same minimalist finish on the surface with their 10mm inlet slots.



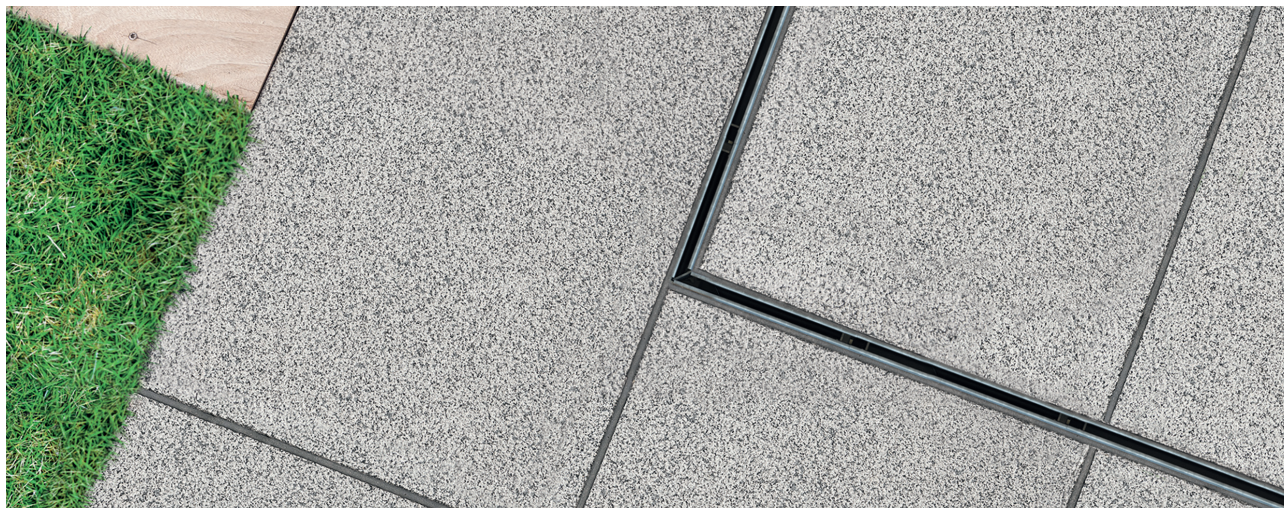
The stainless steel Brickslot grating is manufactured from grade 304 stainless steel and so offers improved performance and delivers a distinct, high-end finish. Galvanised and stainless steel products have good corrosion resistance to concrete and mortar products but may experience corrosion if high chloride and sulphate content is present. Use only good quality concrete and consider using corrosion inhibitors where necessary. The use of protective coatings, such as paint, can minimise the risk of corrosion.

Access is essential

To enable maintenance and cleaning, install an access cover at regular intervals in long runs and after any change in direction.

The steel access cover includes an insert tray, into which a section of the surrounding paving is laid. This maintains the minimalist finish of the RainDrain Brickslot. Access covers are available on sump units and on a 1m length of RainDrain Channel with a 500mm length of Brickslot grating.

Installing a sump unit at the channel's outlet can help reduce silt and debris entering the stormwater drainage system.



Product Code	Description	Length [mm]	Width [mm]	Depth [mm]	Invert [mm]	Weight [kg]
ACO RainDrain® with Galvanised Steel Brickslot B 125						
47002	Channel with slotted galvanised steel grating	1000	118	173	163	10.00
47003	Channel with slotted galvanised grate and access cover	1000	118	173	163	11.00
47004	Sump with galvanised access cover c/w silt bucket	500	118	378	360	12.80
47009	Corner unit with slotted galvanised steel grating and vertical outlet	120	135	233	163	0.90
ACO RainDrain® with Stainless Steel Brickslot B 125						
47030	Channel with slotted stainless steel grating	1000	118	173	163	10.00
47031	Channel with slotted stainless grate and access cover	1000	118	173	163	11.00
47032	Sump with stainless access cover c/w silt bucket	500	118	378	360	12.80
Accessories for Galvanised and Stainless Steel Brickslots						
319288	Closing end cap	6	129	97	-	0.03
01684	Horizontal foul air-trap	100	Ø110	-	-	0.20
0056	820 Drain union PVC-U Ø110mm	100	Ø110	-	-	0.10
2618	Socket plug UPVC Ø110mm	110	110	42	-	0.12
415924	Access cover lifting tool	530	150	-	-	0.31



Closing end cap



Ø110mm horizontal foul air-trap



Ø110mm drain union



Access cover lifting tool

Installation



STEP 1
Dig trench 320mm wide (250mm wide if against a structure) by 280 mm deep for channel (485mm deep when installing sump unit). Mark finishing height with fixed line 3-6mm below final surface. Lay 100mm (min.) bed of concrete with a minimum strength of C12/15.



STEP 2
A sump/access cover should be fitted to allow subsequent access for maintenance and cleaning and to protect onward drainage from silt and debris. Remove relevant end panel on the sump to allow water to flow from the adjoining channel into the sump. Fit PVC-U Ø110mm union to the sump outlet, connect to stormwater drainage pipework and position on C12/15 minimum concrete bed with the top of access cover level with the fixed line.



STEP 3
Lay channels starting from sump/access cover, ensuring joints connect by lowering units horizontally. For fully watertight joints, apply a suitable sealant (Sikaflex 11FC or similar) to the inside sealing groove of the joint. Use the plastic clips to secure one Brickslot grating to the next. Ensure the top of each Brickslot grating is level with the fixed line.



STEP 4
Use a corner unit for more than one run of channels where the corner is 90 degrees. Cut through the unit's appropriate end panel to allow the water to flow from one channel run to the next through the corner unit. Corner units also can be used for a vertical outlet.



STEP 5
Lay the next run of channels using the same method, ensuring an access cover is included for maintenance and cleaning.



STEP 6
Remove parts B and area X, as described on the endcap, and secure with sealant for a watertight finish. Ensure endcaps are at the final endpoint of all channel runs. With Brickslot grating inlet covered,



Need more installation information use the QR codes:



Installation video



Technical
installation guide

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