



lite aqua
SlotTube

C250 DISCREET SLOT DRAIN

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lite aqua SlotTube

SlotTube sits within our Lite Aqua range and is the ideal solution to slotted surface water drainage. This system is perfect for any urban or domestic areas where the more traditional, bulky, and expensive slot drainage systems aren't practical.



Benefits

- Lightweight & Durable
- Visually Appealing
- Large capacity Channel
- Quick & Easy Install
- Slimline discreet grating
- Connects to existing pipework
- CE Marked & Fully certified for C250 Loading
- Aesthetic without compromising on capacity

Areas of Use

- Pedestrian Areas, Driveways, Sports & Leisure Facilities, Patios, Town / City Centres, Kitchen Areas & Low transit chemically aggressive areas.



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Lite Aqua SlotTube offers an interlocking grating with a minimal design, allowing the channel to be easily installed whilst also blending in most areas of use. Not only does the SlotTube create a less visual impact when used, but it also allows for the greater water flow as it has a high capacity to hold, carry & transport water.

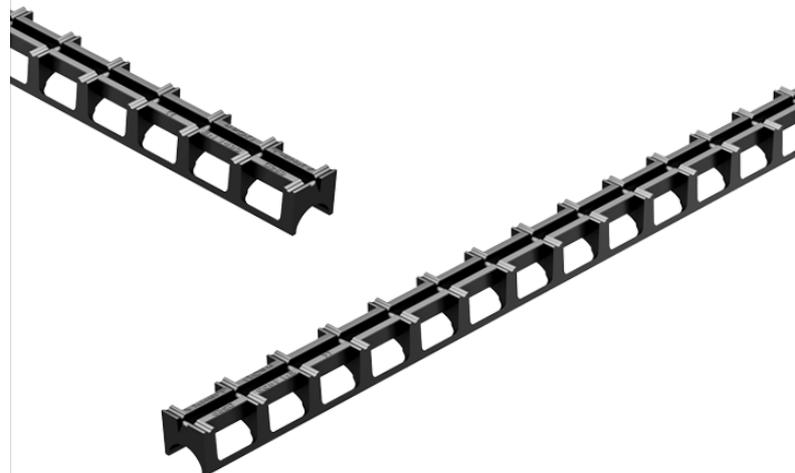
Tube

The tube sits directly underneath the grating and has an outside diameter of 110mm. It has larger flow rates & storage capacity. Allowing the system to temporarily hold water in cases of intense rain fall.



Removable Grating

SlotTube has a removable InterLock mesh grating made from composite measuring 30mm (W) x 0.5m (L), Perfect for accessibility and cleaning



Gully Unit

Matching Gully Sump that allows easy access to the channel, making cleaning and maintenance simple.

Acts as a Foul Air Trap
& Leaf Trap

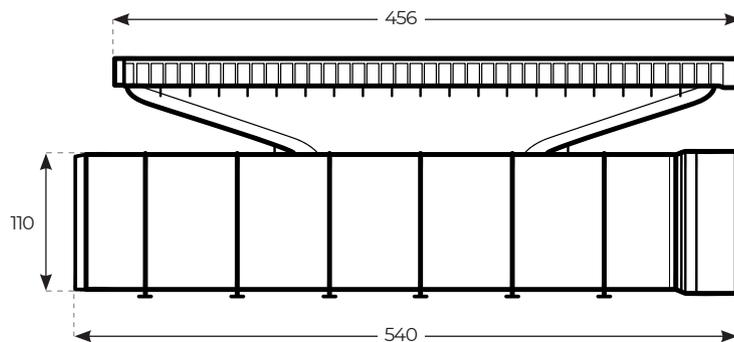
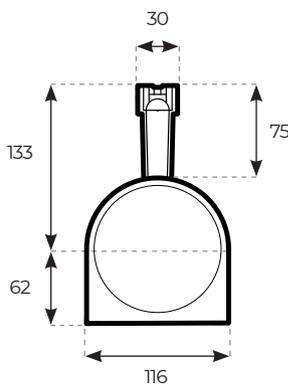


End Cap

End caps are available for either end of the tube, allowing you to stop the flow of water when required.



Diagrams & Measurements



Grating length

0.5m

Slot width

30mm

Tube Dia

110mm

Tube Length

540mm

Upstand

75mm

Installation Guide



Step 1

Establish the exact layout that the draining line will have to follow.



Step 2

Take into consideration: The channel size (width & height); the thickness for the concrete bed on which the SlotTube will lay.



Step 3

Take into consideration: The channel size (width & height); the thickness for the concrete bed on which the channel will lay (pay attention to the calculation considering also the eventual height for the space of the bottom outlet, when it is required)

Proceed with the concrete cast for creating the laying bed and wait til the concrete has reach the right consistency (Set for one hour at least).

The trench needs to be dug both higher and wider than the SlotTube (En 1433).

The concrete should be three parts sand, one part cement and haf part water.

Installation Guide



Step 4

Lay the SlotTube on the laying bed.



Step 5

If the drain line requires more than one SlotTube, insert the elements connecting one to the other with the special male-female interlocking system and make sure they are aligned.

Installation Guide



Step 6

Cover the SlotTube with concrete with resistance class according to the class of load requested.

*Make sure no concrete gets inside the SlotTube.

The adjustment operation must be carried out in consecutive layers in order to avoid floating the pipe.

Be careful to leave enough space without flanking, when final covering (tiles, blockpaving, etc...) is necessary.



Step 7

Complete the installation with the requested paving.

The area will not be practical for up to 72 hours.