



Alusthetic



Threshold Drain

A beautiful product that will add the finishing touch to your project.

www.alusthetic.co.uk

Alusthetic Threshold Drain

An aesthetic slim doorway threshold or channel drain for domestic level projects from Alusthetic. Main uses include patios, pathways, walkways, thresholds, block paving (not parking areas). Internal or external.

Manufactured from extruded plastic, complete with either aluminium heel guard grating in silver or black, suitable for pedestrian traffic; steel CorTen grating for a rustic look; or stainless steel that is suitable for swimming pools and sanitary areas.

With its discreet slim 65mm width, this boasts a desirable channel for any threshold, patio or non trafficked application, helps eliminate water ponding at property entrances, grounds and surrounding areas.

The Alusthetic system has a width of 65mm and is available in 1m lengths with a full range of accessories which include the bottom connector, outlet end cap and corner unit.

The system is compliant with Part M of the Building Regulations and manufactured and monitored according to standard NBN EN 1433:2002– DOP certificate available on request.



Features

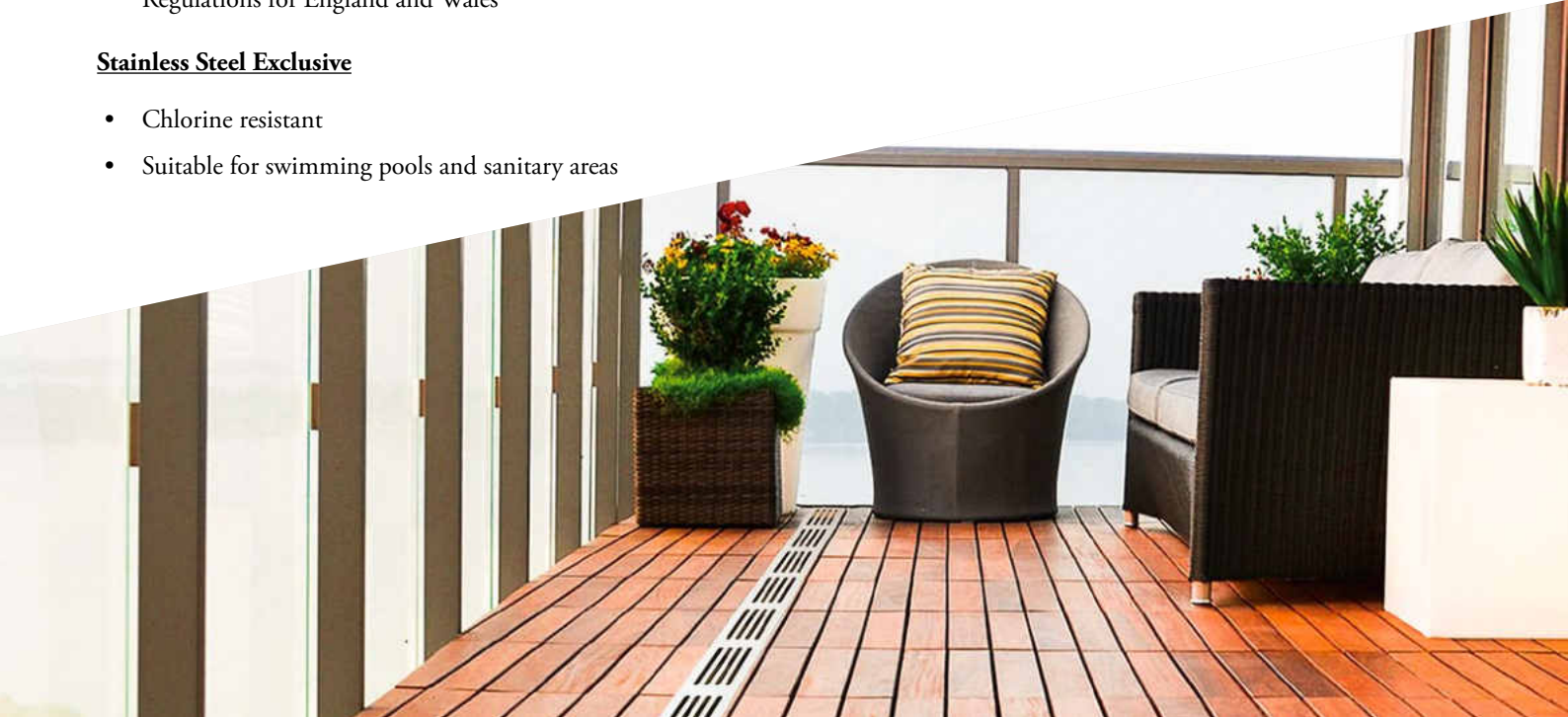
- Quick and easy to install
- Simple connection to standard underground drainage via 50mm or 80mm outlet
- Removable heel guard
- Grating available in aluminium silver, aluminium black, steel CorTen, and stainless steel
- Fully compliant and certified to load class A 15 BS EN 1433:2002
- Compliant with Part M of the Build Regulations for England and Wales

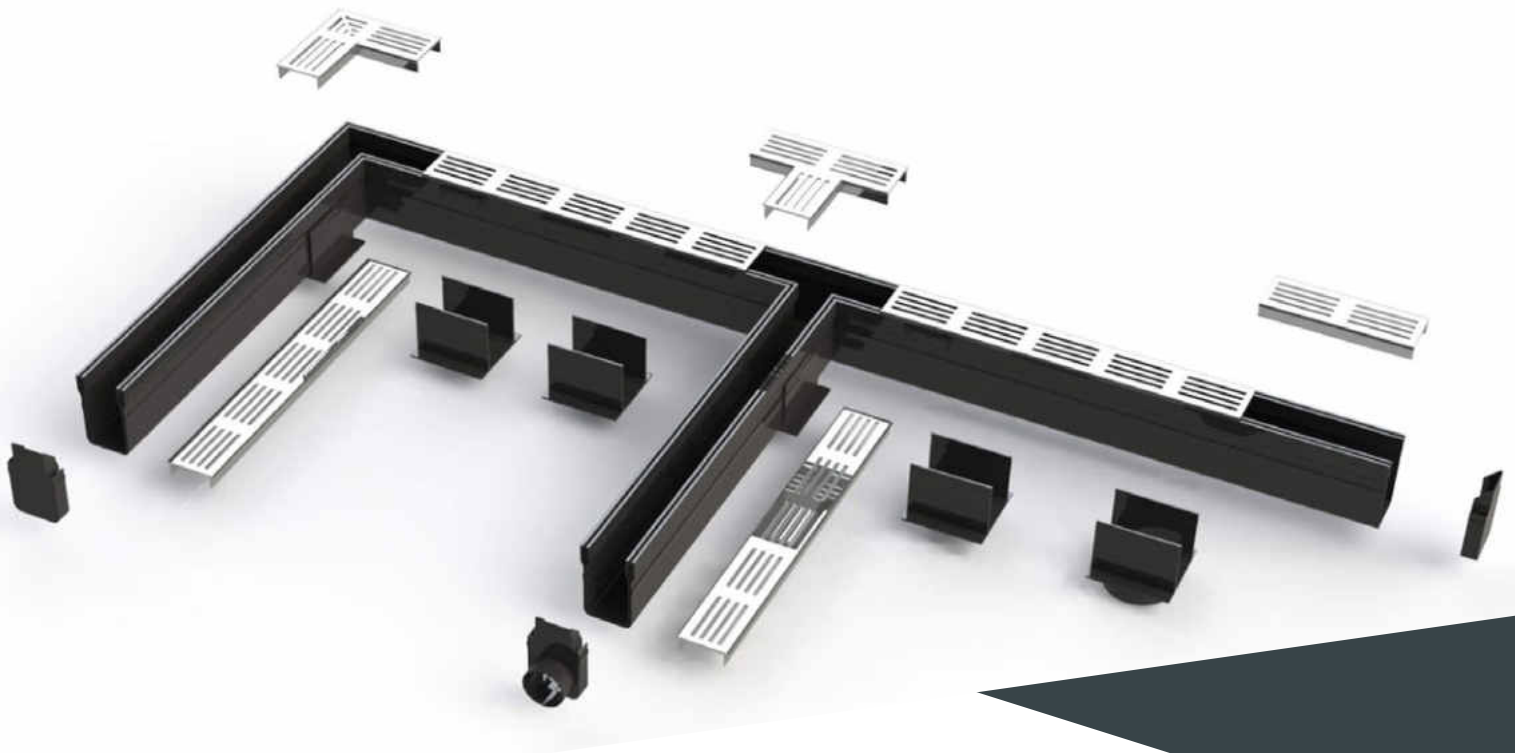
Grating	Anodized Aluminium Profile in Silver and Black	Steel CorTen	Stainless Steel
Total Weight	1.75kg	2.65kg	2.245kg
Dimension	65mm x 1000mm		
Body Description	PVC Extruded profile		
Body Height	100mm		
Loading Class	15kN/25kN*		
Material	EN AW-6060 T66 EN 573-3 NEN-ISO10074 PVC (Polyvinyl chloride)		

*15kN: Embedded in soil/loose ground | 25kN: Embedded in concrete

Stainless Steel Exclusive

- Chlorine resistant
- Suitable for swimming pools and sanitary areas





Threshold Drain Accessories

Alusthetic Bottom Connector



With 80mm Dia Outlet

This Alusthetic Threshold Drain Bottom Connector will allow easy connection between 1000mm lengths of channel drain base for a safe, secure and solid hold.

Alusthetic threshold channel drain is designed for use in domestic properties to eliminate any water from pooling at external doors.

The threshold is only 65mm wide and sits flush to the door for maximum discretion, allowing water to be drained away quickly and efficiently.

A long lasting and aesthetic design to compliment any projects.

Alusthetic Channel End Cap



With 50mm Dia Outlet

This Alusthetic Closing End Cap is to cap the channel drain system at either end.

Alusthetic Corner Unit



This Alusthetic Corner Unit helps seamlessly take the drain around corners and angles.

Alusthetic Tee Piece



This Alusthetic Tee Piece is for additional drainage design scope to compliment this aesthetic range of threshold drains.

Availability

currently 1-3 working days from UK stock or 7-10 for larger bulk orders and stockists.

Units per full load

Please advise on stock and required quantities so we can advise.

Units per full pallet

Bulk pack 100 units or up to 100 units per pallet.

Prices are available on request.

Installation Instructions

Alusthetic threshold drain that consists of a plastic (PVC) channel element with a design grate of aluminium silver, aluminium black, steel CorTen or stainless steel.

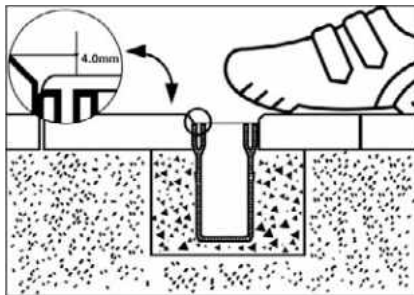
The threshold drain and grate is used around the home and in areas with low or no traffic.

You can drain the water from the threshold drain to the sewer or infiltration system. This can be done via a side or bottom outlet.



Step 1

Alusthetic Threshold Drain has the option of a side or bottom outlet. The side outlet is integrated in the end plate, the bottom outlet is integrated in a connecting piece.



For the bottom spout, you need to drill a $\text{Ø}45$ mm hole in the bottom of the drainage channel using a hole saw.

To do this, carefully determine where you want to place the connection coupling piece.

Attention

Connect a maximum of 6 meters of threshold drainage channels to a bottom outlet and a maximum of 5 meters to a side outlet. You can prevent odours by installing a siphon when connecting to the wastewater sewer.

Step 2

Make a trench of approx. 15 cm deep for the foundation. The foundation must have minimum dimensions: 5 cm high and 10 cm wide.

Step 3

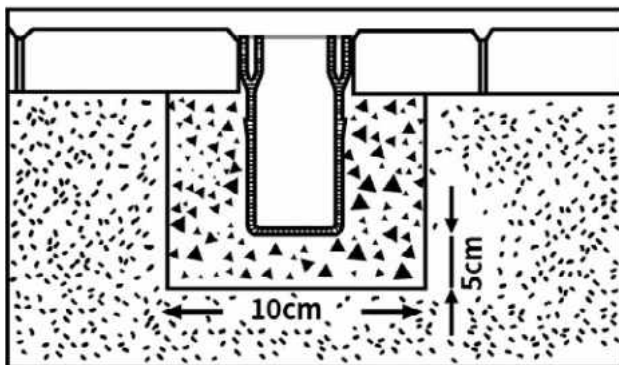
Apply stabilised sand in the trench in the ratio 1 : 3 (cement : sand). Adjust the mixture to the desired height. Click the connecting pieces around the channel elements and adjust to the correct height. Fill the trench to the bottom of the pavement with sand cement. Always leave the grate in the channel element!





Step 4

Carefully compact the foundation strip around the channel, leaving the channel in its original form.



Tips

- ✓ With new paving, we advise you to tension a wire to determine the height level.
- ✓ If you install the channel in existing paving, we advise you to make a wooden template with the desired height, which you can strike off.
- ✓ When the channel is laid along an upright wall, the flaps of the connecting piece must be cut off on that side.

Step 5

You can shorten the channel with grate to any length you desire with a saw. File after cutting the sharp ends.

Step 6

The end plates are attached to the ends of the channel. Due to the difference in the expansion coefficient of plastic (channel) and grate, it is possible that the length of the channel differs lightly from the length of the grate.

All plastic parts can be connected to each other in a waterproof manner using PVC glue.

Depending on the chosen paving, the channel on the side can be supplemented with street sand or stabilised sand.

Max flow rate: 360L/m

www.alusthetic.co.uk

