



polycon
surface water drainage

THRESHOLD RANGE

Service . Range . Knowledge



Welcome To Polycon

Polycon is identified as one of the leading manufacturers, distributors, and suppliers of channel drainage in the UK. We focus on creating a diverse range of water solutions, in various materials, including composite, polymer concrete, SMC, and steel.

Polycon's unique look at the market and expert knowledge of the industry ensures we can supply a wide range of high-quality products suitable for any application. This includes building drainage, landscaping, sports facilities, distribution centres, highways, and airports.

Our design team provides innovative and efficient hydraulic solutions to ensure we can offer your drainage needs the best product/solution. We have a vast and experienced overview of our working industry and have been manufacturing, distributing, and selling channel drainage for over 8 years. We thrive on acting upon your feedback to improve and develop our products to fit flawlessly with the constantly changing market and demand from our customers.

At Polycon we focus our attention on professionals who sit within the construction industry, targeting our products to specifiers, architects, engineers, and contractors. Therefore, we understand the importance of expanding our product portfolio to create the most efficient surface water drainage systems.

We are a dynamic and evolving company with a focus on quality, innovation, and service. As a result, you can rely on us to handle your project needs in every way to the best of our ability.

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Service • Range • Knowledge

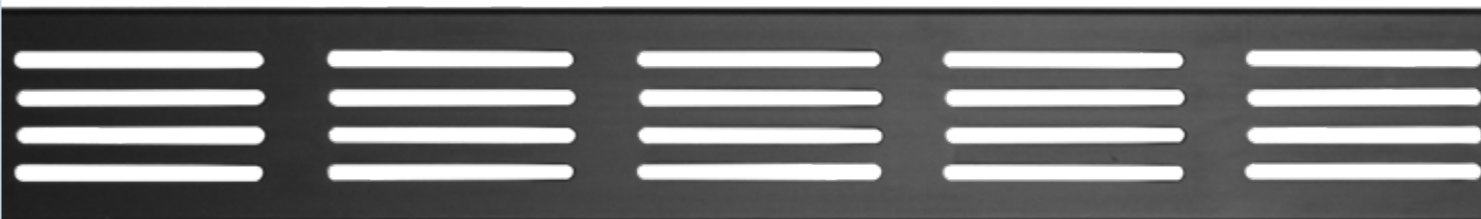
THRESHOLD *Luxe*

THRESHOLD *Luxe*

The Threshold Drainage systems offer a host of advantages that make them a preferred choice in various applications. These systems excel at collecting and swiftly discarding water, ensuring efficient drainage. Whether it's heavy rain or spillage, they efficiently redirect water away from the entrance of doorways, effectively preventing potential flooding and water damage. This rapid water management enhances safety and reduces maintenance costs.

The Threshold drainage systems are extremely lightweight. Their design simplifies handling and installation and contributes to their long-term durability. Furthermore, they are resistant to chemicals and rust, ensuring that they maintain their functionality and appearance even in challenging environments.

The discreet, minimalistic design of the system blends seamlessly with various architectural styles, adding aesthetic value. Additionally, they are simple to cut with a mitre saw, making customisation a breeze. Installation is straightforward, as they do not require trenches, saving a lot of time and effort. Their water-tight and secure protection, along with a no-directional design that mitigates the need for right- or left-hand fittings, makes Threshold Drainage systems an efficient and cost-effective solution for managing water and ensuring structural integrity.



Load Class



A15
1.5 tonnes

Applications

- Patios
- Gardens
- Decking
- Pool Areas
- Pedestrian Areas

THRESHOLD Luxe - Overview

Material

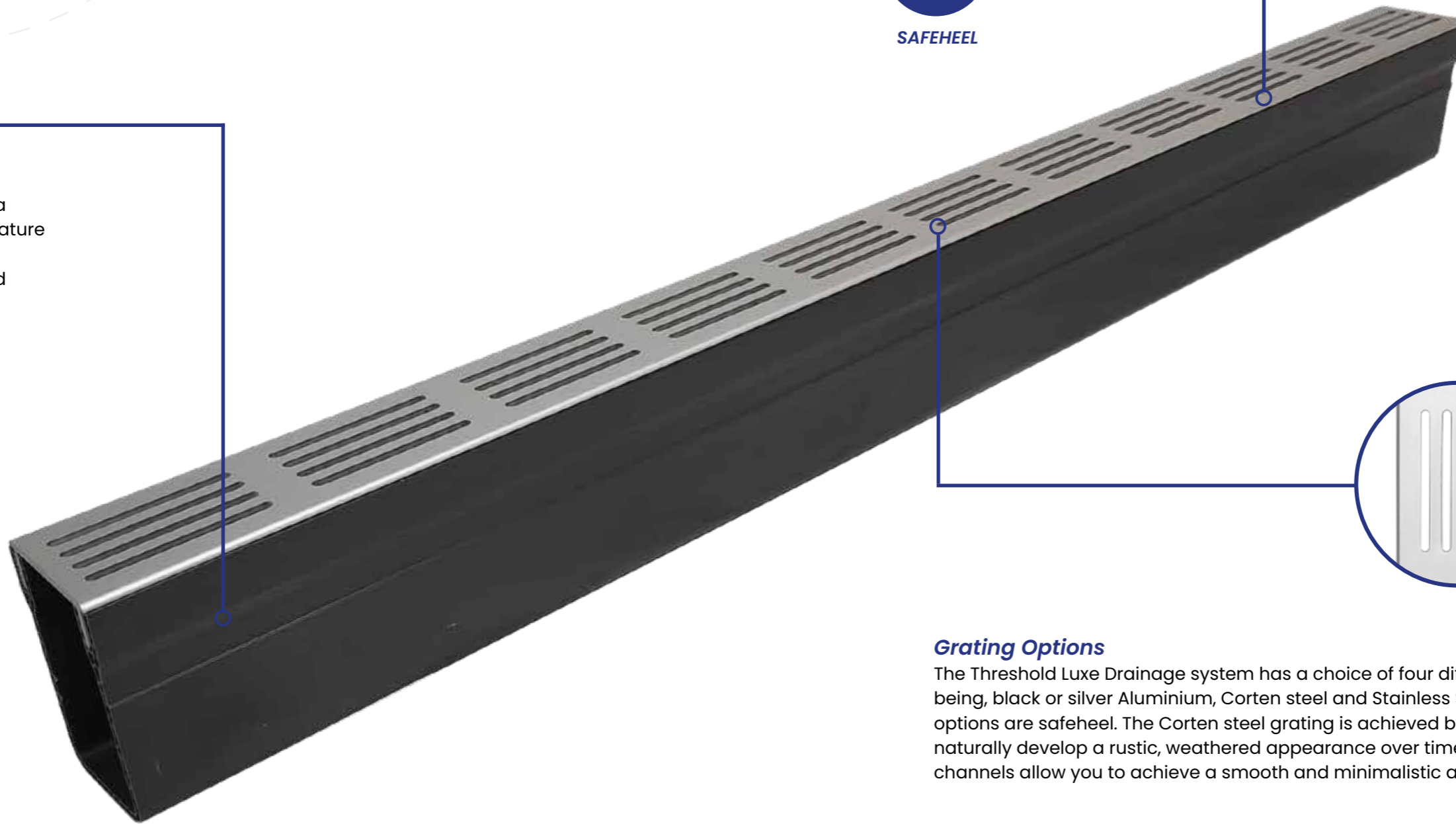
The Threshold Luxe is manufactured from Polypropylene which has a high resistance to temperature changes, making them suitable for residential and pedestrian areas.



SAFEHEEL

Channel Colour Options

Colour



Grating Options

The Threshold Luxe Drainage system has a choice of four different grating tops. Those being, black or silver Aluminium, Corten steel and Stainless Steel, all 4 of these grating options are safeheel. The Corten steel grating is achieved by allowing the channel to naturally develop a rustic, weathered appearance over time. Whereas the aluminium channels allow you to achieve a smooth and minimalistic appearance.

Load Classes



A15

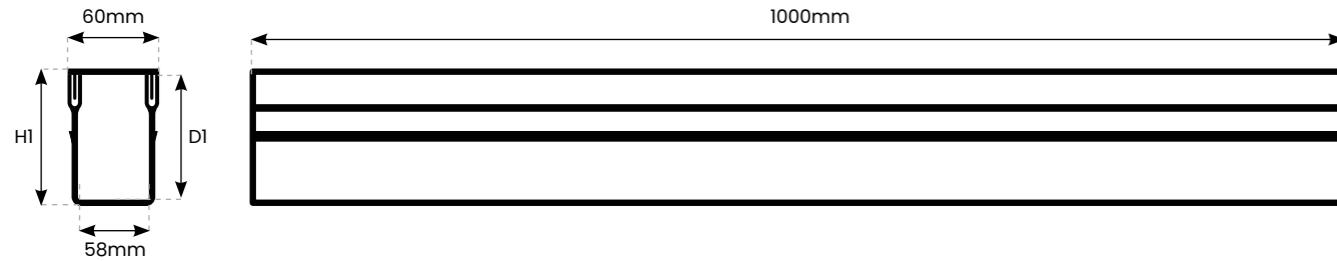
Depth Options



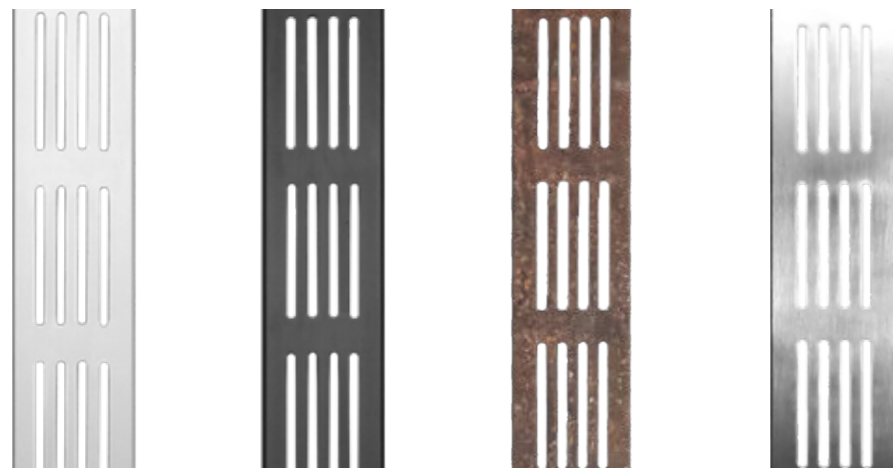
100mm

THRESHOLD Luxe - 100mm

The Threshold Luxe is an excellent system for drainage in front of doorways. Its slimline, sleek finish allows it to blend seamlessly within its surroundings while the functionality of the channel allows water to drain effectively from in front of your doorways and patios. All channels are available in 1mtr lengths.



Grating Options - 100mm



Silver Grate (A15)

Black Grate (A15)

Corten Grate (A15)

Stainless Steel Grate (A15)

Disclaimer - Please be aware that our Corten Steel grating top develops a unique rustic appearance once exposed to rainwater. This transformation, known as Patina is caused by a layer of oxidation that forms on the surface and protect the metal from further corrosion. During this transformation process, the rainwater may also adapt a rusty brown colour which can cause stains when it comes into contact with other surfaces

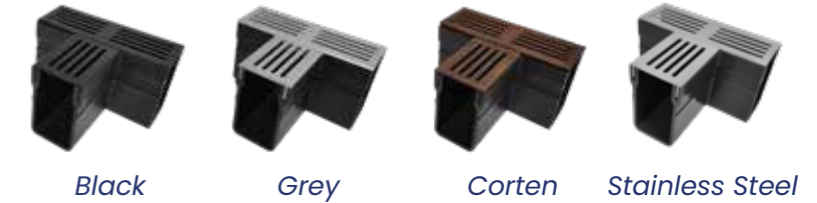
Channel / Grating - Specifications

Reference	Description	Length	Internal Width	Overall Width	Internal Depth (D1)	Overall Depth (H1)	Load Class	SafeHeel
GR.TH.LUXE.S.	Threshold Luxe + Silver Grating	1000mm	58mm	60mm	60mm	100mm	A15	Yes
GR.TH.LUXE.B	Threshold Luxe + Black Grating	1000mm	58mm	60mm	60mm	100mm	A15	Yes
GR.TH.LUXE.C	Threshold Luxe + Corten Grating	1000mm	58mm	60mm	60mm	100mm	A15	Yes
GR.TH.LUXE.ST	Threshold Luxe + Stainless Steel Grating	1000mm	58mm	60mm	60mm	100mm	A15	Yes

Accessories

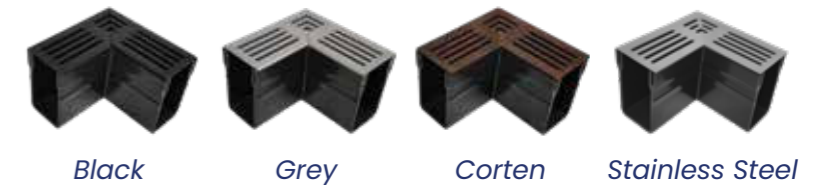
T-Junctions

The Threshold T-Junctions make the T section angles between channels, so no cutting is needed to connect them. Connectors will be needed to connect the channel to the T-Junctions at either end.



Corner Units

The Threshold Corner Units can be used to make 90 Degree angles between channels so that if you must take your run around corners not cutting is needed. Connectors connect the channel to the corner units at either end.



Connectors

Connectors are used between each length of the channel if you are connecting them in a row. The connector provides a watertight connection between channels. Connectors are also available with an outlet.



End Caps

End caps can be used at either end of the channel to stop the flow of water. Threshold End Cap Outlets can be used to connect the channel horizontally to an outlet using a 50mm diameter pipe.



Accessories - Specifications

Reference	Description	Length	Height	Overall Width	Load Class	Outlet (mm)
TJ.TH.LUXE.S	Silver T-Junction	185mm	100mm	150mm	A15	-
TJ.TH.LUXE.B	Black T-Junction	185mm	100mm	150mm	A15	-
TJ.TH.LUXE.C	Corten T-Junction	185mm	100mm	150mm	A15	-
TJ.TH.LUXE.SS	Stainless Steel T-Junction	185mm	100mm	150mm	A15	-
CU.TH.LUXE.S	Silver Corner Unit	150mm	100mm	158mm	A15	-
CU.TH.LUXE.B	Black Corner Unit	150mm	100mm	158mm	A15	-
CU.TH.LUXE.C	Corten Corner Unit	150mm	100mm	158mm	A15	-
CU.TH.LUXE.SS	Stainless Steel Corner Unit	150mm	100mm	158mm	A15	-
C.TH.LUXE	Connector	100mm	75mm	100mm	A15	-
CO.TH.LUXE	Connector Outlet	100mm	92mm	100mm	A15	75mm
EC.TH.LUXE	End Cap	20mm	100mm	65mm	A15	-
EO.TH.LUXE	End Cap Outlet	45mm	100mm	65mm	A15	50mm

THRESHOLD MONO



THRESHOLD Mono

The Threshold Mono is a versatile and efficient solution for effective water management. The all-in-one system swiftly collects and discards water, ensuring seamless drainage. Whether it's heavy rainfall or accidental spills, the Threshold will efficiently redirect water away from entrances, effectively preventing potential flooding and water damage. Its rapid water management capabilities enhance safety and reduce maintenance costs.

One of the standout features of the Threshold Mono is its lightweight construction. This system is designed for easy handling and hassle-free installation, thanks to its lightweight build. Furthermore the Threshold Mono is resistant to chemicals and dust ensuring it maintains functionality and appearance even in harsh and corrosive environments.

The Threshold Mono is a comprehensive solution to linear drainage, its discreet and minimalistic design seamlessly integrates with various architectural styles, enhancing the aesthetic appeal of any space. Additionally, the Threshold Mono is simple and easy to install which eliminates the need for digging trenches. With its water-tight, secure protection and a non-directional design of the Threshold Mono eliminates the need for right- or left-hand fittings. This system provides an efficient and cost-effective solution for managing water and ensuring long-term structural integrity.

Load Class



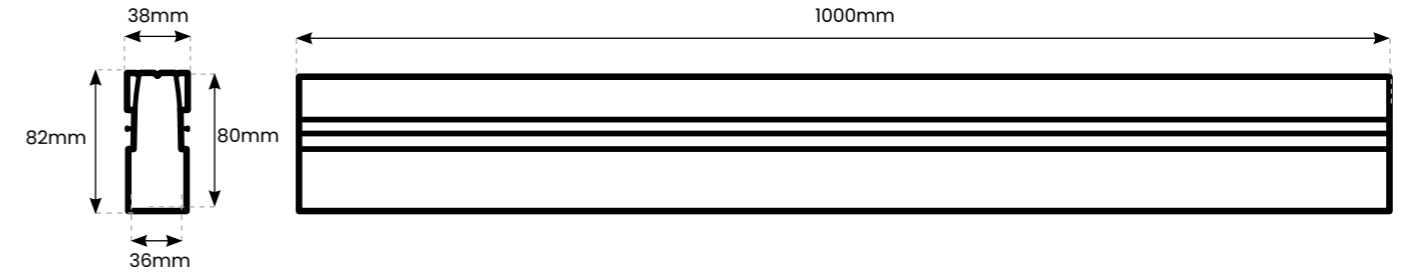
A15
1.5 tonnes

Applications

- Patios
- Gardens
- Decking
- Pool Areas
- Pedestrian Areas

THRESHOLD Mono - 82mm

The Threshold Mono is manufactured from high-density polyethylene. It is durable, lightweight, and has an aesthetic black finish. With its integrated grating and discreet 2mm inlet slots, this channel is ideal for smaller urban projects.



Accessories

Connector

A connector is needed if you are placing multiple lengths of channels in a run. They are required between every piece of channel to create a secure watertight seal.



Connector

End Cap

An End Cap is needed at either end of the run, or both, if you need to stop the water from leaving the channel.



End Cap

End Cap Outlet

An End Cap Outlet can be used at the end of the run to allow water to be taken to your exterior drainage pipes and away from the channel.



End Cap Outlet

Accessories - Specifications

Reference	Description	Height	Overall Width	Load Class	Outlet
C.TH.MONO	Mono Connector	84mm	40mm	A15	-
EC.TH.MONO	Mono End Cap	82mm	38mm	A15	-
EO.TH.MONO	Mono End Cap Outlet	82mm	38mm	A15	30mm

THRESHOLD Mono - Overview



Grating Options

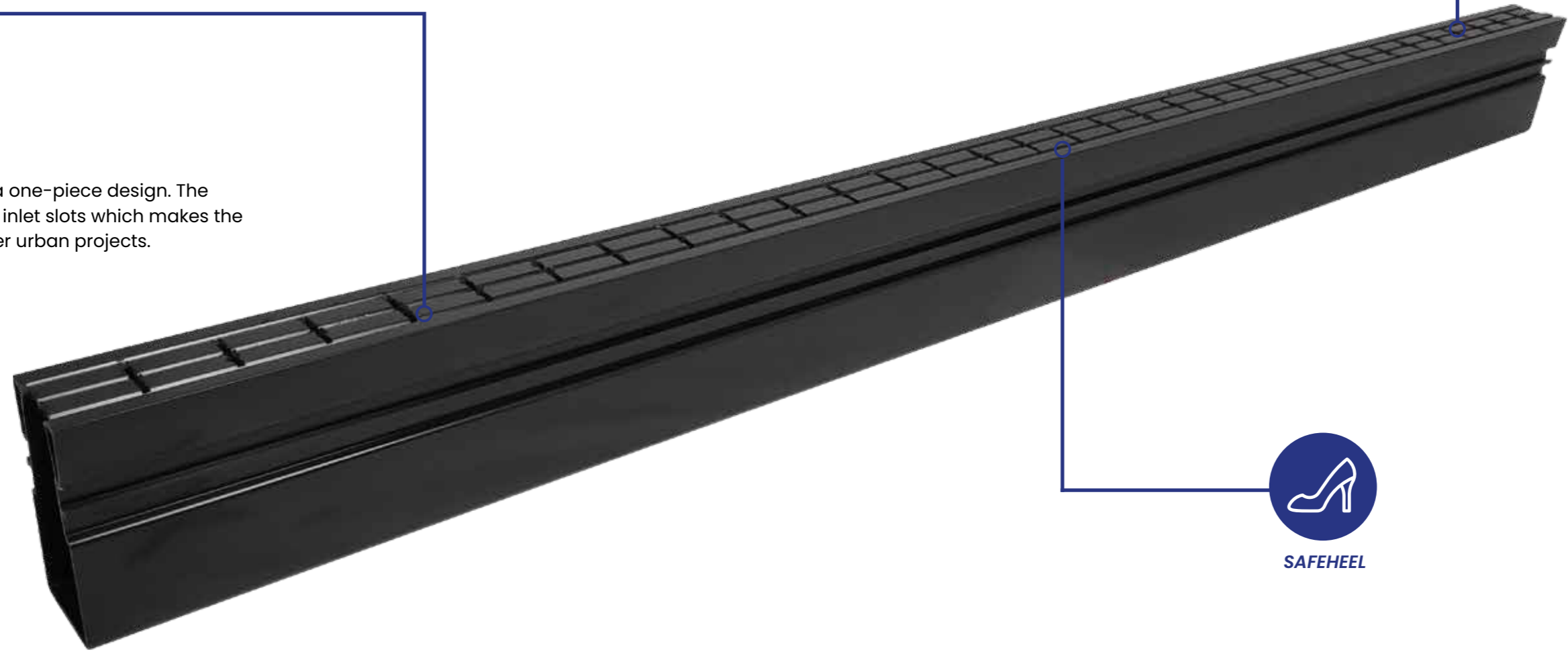
The Threshold Mono is a one-piece design. The black grating has 2mm inlet slots which makes the channel ideal for smaller urban projects.

Material

The Threshold Mono is made from high-density polyethylene. This material is durable and lightweight making for an easy installation. Its black finish adds an aesthetic feel to smaller urban projects.

Colour Options

Colour



SAFEHEEL

Load Classes



A15

Depth Options



82mm



Polycon Surface Water Drainage

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