

THRESHOLD

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

VIRTUAL LANDSCAPE

Not sure what you are looking for? Check out our Threshold systems against multiple paving backgrounds on our virtual landscape feature. You can mix and match gratings against multiple backgrounds to achieve the ultimate desired look. Each visual can be downloaded as a PDF and sent to customers along with a technical overview of your chosen system. Try today at www.polycon.co.uk.



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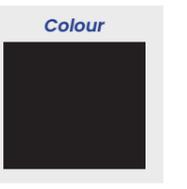
THRESHOLD - Overview

Material

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



Channel Colour Options



Grating Options

The Threshold Luxe Drainage system has a choice of three different grating tops. Those being, black or silver Aluminium and Corten steel, all 3 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

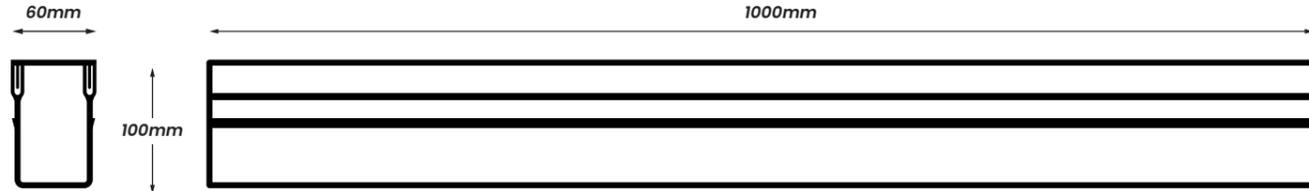


100mm

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THRESHOLD - 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.



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 no 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	Height (mm)	Overall Width	Weight (KG)	Load Class	Outlet (mm)
TJ.TH.LUXE.S	Silver T-Junction	100	60		A15	-
TJ.TH.LUXE.B	Black T-Junction	100	60		A15	-
TJ.TH.LUXE.C	Corten T-Junction	100	60		A15	-
CU.TH.LUXE.S	Silver Corner Unit	100	60		A15	-
CU.TH.LUXE.B	Black Corner Unit	100	60		A15	-
CU.TH.LUXE.C	Corten Corner Unit	100	60		A15	-
C.TH.LUXE	Connector				A15	-
CO.TH.LUXE	Connector Outlet				A15	-
EC.TH.LUXE	End Cap	100	60		A15	-
EO.TH.LUXE	End Cap Outlet	100	60		A15	50

Grating Options - 100mm



Silver Grate (A15)

Black Grate (A15)

Corten 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

Grating - Specifications

Reference	Description	Length (mm)	Slot Width	Overall Width	Load Class	SafeHeel
GR.TH.LUXE.S	Silver Grating	1000	8	100	A15	✓
GR.TH.LUXE.B	Black Grating	1000	8	100	A15	✓
GR.TH.LUXE.C	Corten Grating	1000	8	100	A15	✓

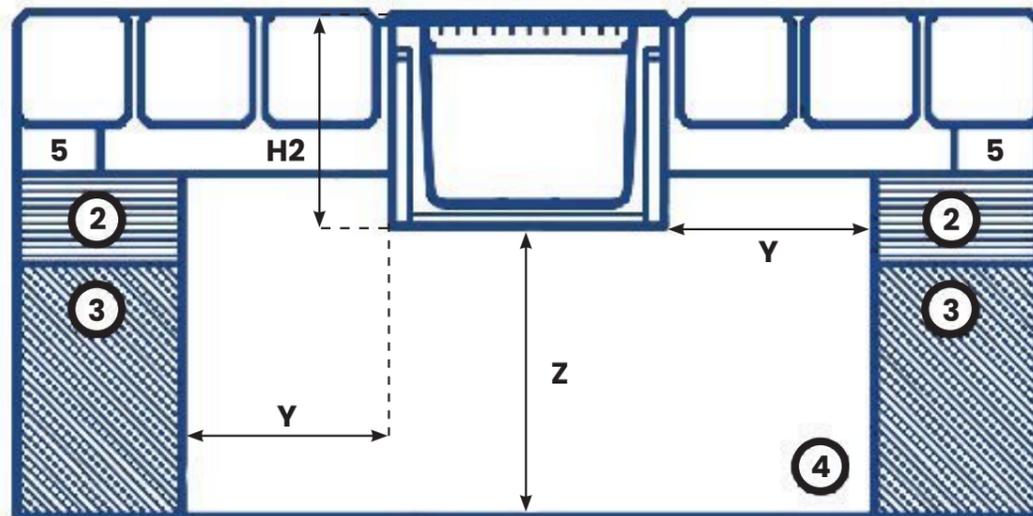
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Installation Guide

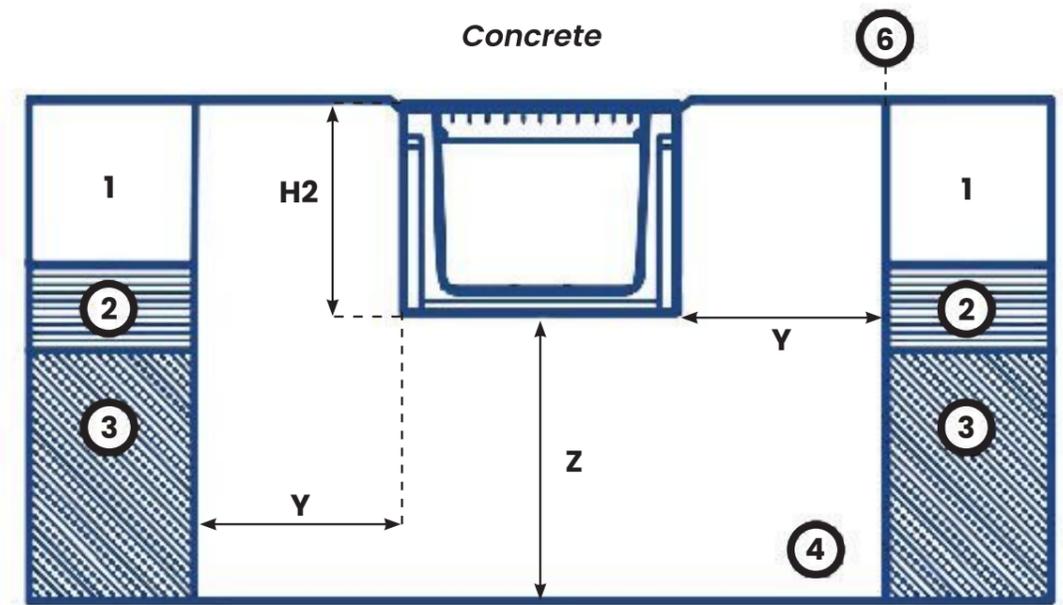
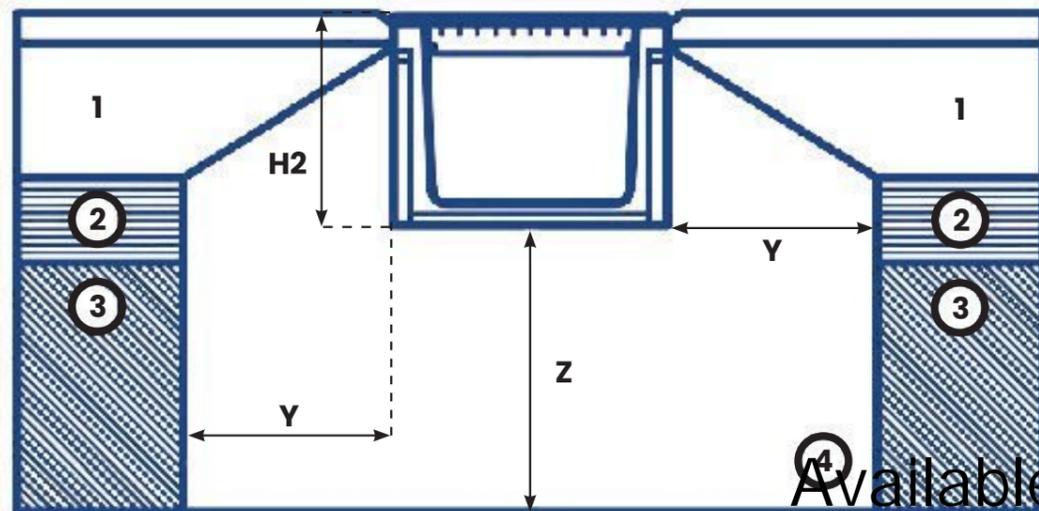
Ground conditions must be suitable and all dimensions shown are the minimum requirement. Engineering advice should be taken where necessary and any questions should be directed to Polycon's technical team by emailing us at sales@polycon.co.uk or by calling us on **0151 424 9747**.

1	2	3	4	5	6
Concrete	Sub Base	Earth	Concrete Haunch	Sand Layer	Expansion Joint

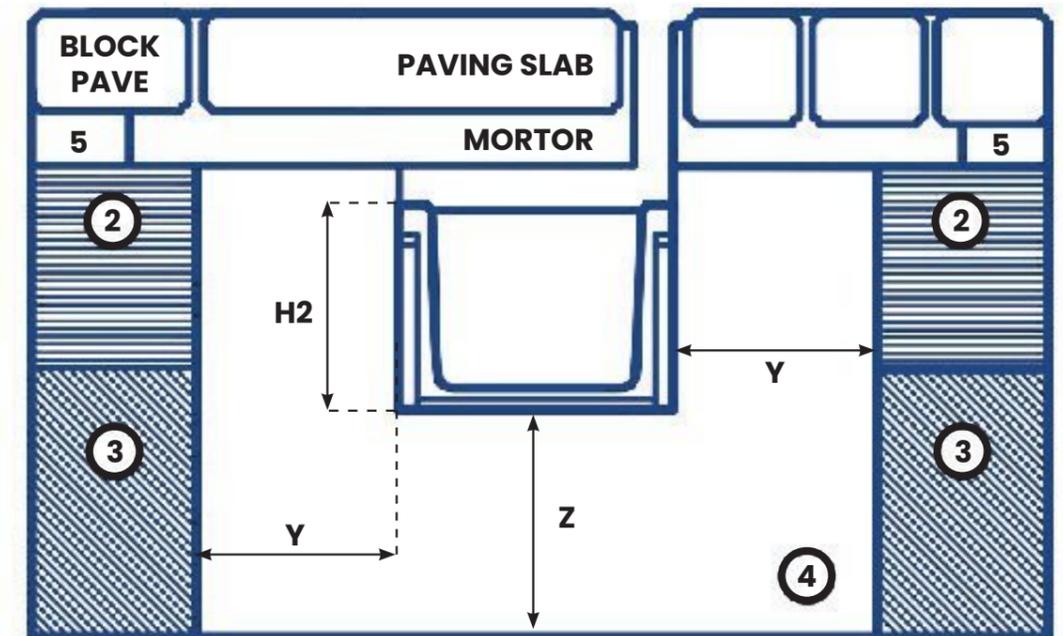
Block Paving



Tarmac



Paveslot



Load Class	A15	B125	C250
H2 - Channel Height	Channel Height	Channel Height	Channel Height
Y - Minimum Surround	100mm	150mm	150mm
Z - Minimum Surround	100mm	150mm	150mm
T1 - Minimum Depth	40mm	40mm	40mm
T2 - Maximum Depth	95mm	55mm	55mm

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* Minimum Concrete Haunch 25mm
 Detail A allow for overbuild of 3mm to 5mm above the grating surfaces.

THRESHOLD Mono

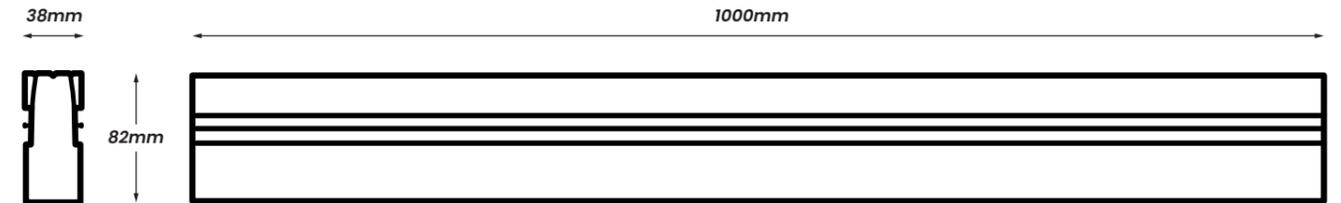
The Threshold Mono is a versatile and efficient solution for effective water management. The all-in-one system swiftly collects and discards water, ensuring seamless drainage. Whether it's heavy rainfall or accidental spills, the Threshold will efficiently redirect water away from entrances, effectively 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.

THRESHOLD Mono - 82mm

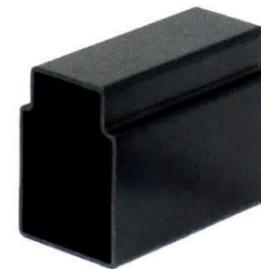
The Threshold Mono is manufactured from high-density polyethylene. It is durable, lightweight, and has an aesthetic black finish. With its integrated grating and discreet 2mm inlet slots, this channel is ideal for smaller urban projects.



Accessories

Connectors

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.



End Caps

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

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.



Load Class



A15
1.5 tonnes

Applications

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

Accessory - Specifications

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

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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

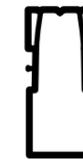
Load Classes



1.5t

A15

Depth Options



82mm

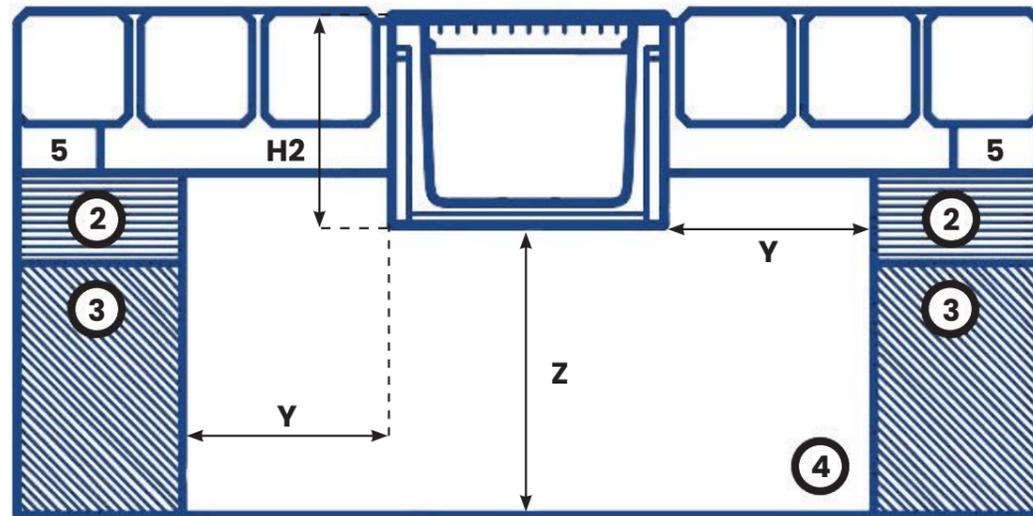
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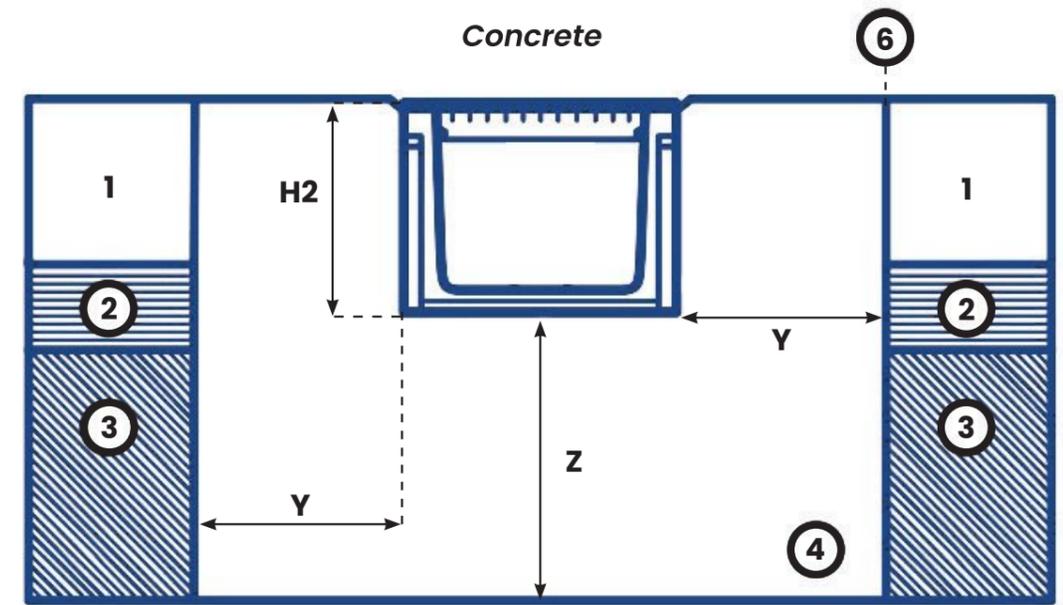
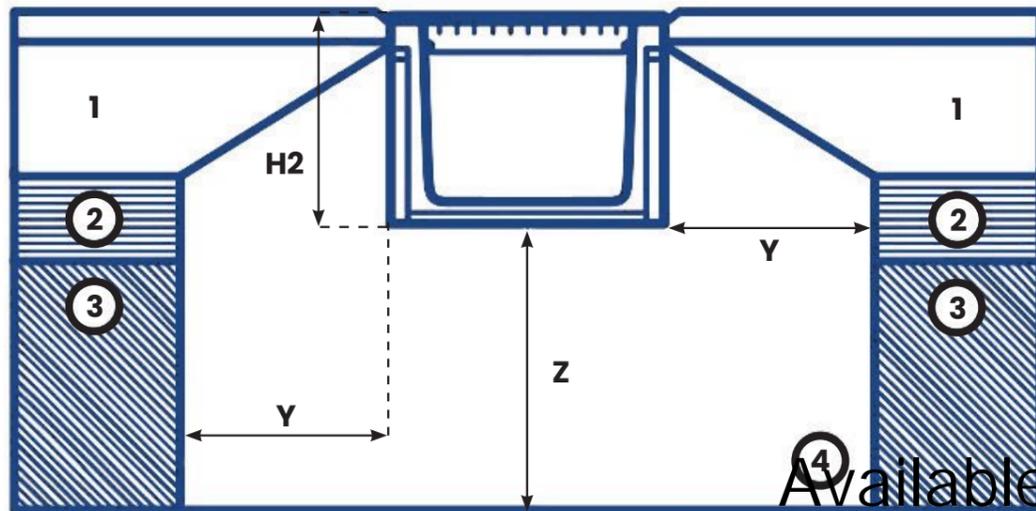
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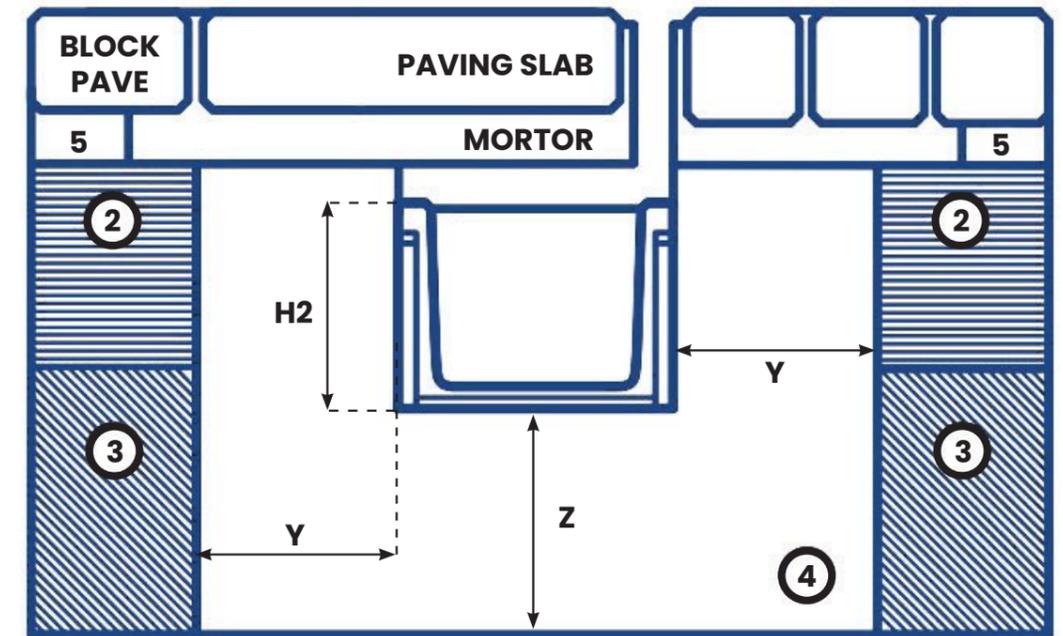
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