



PolyKerb

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 towards creating a diverse range of water solutions, in a variety of different materials, including composite, polymer concrete, SMC, and steel.

Polycon's unique look at the market and expert knowledge of the industry ensures that 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 the best product/ solution for your drainage needs. 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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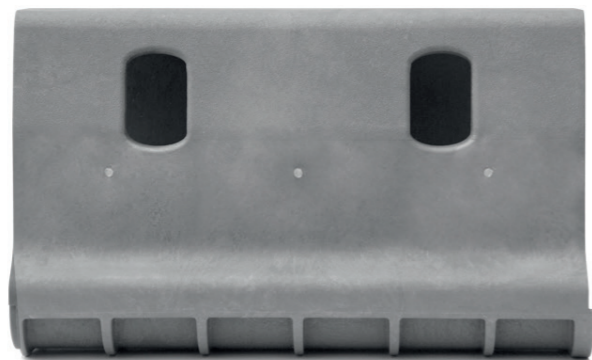
PolyKerb

PolyKerb, a revolutionary product in the realm of construction and infrastructure, stands out as a beacon of innovation with its exceptional qualities. A subset of Polycons, PolyKerb is designed to bring about significant improvements in cost efficiency, environmental sustainability, and overall safety in construction projects. One of its primary advantages lies in its ability to substantially reduce costs associated with traditional kerbing systems. By employing PolyKerb, construction projects can achieve substantial savings without compromising on the quality and durability of the result.

One of Polykerb's standout features is its commitment to environmental responsibility. With an impressive 70% recycled material content in every 500mm unit, Polykerb makes a bold statement about sustainability in construction.

This emphasis on recycled content not only reduces the demand for new raw materials but also minimizes the environmental footprint of construction projects. This aligns with the growing global awareness of the importance of utilizing recycled materials to curb resource depletion and mitigate environmental impact.

Furthermore, PolyKerb distinguishes itself by being notably lighter than traditional kerbing systems. This characteristic not only facilitates easier handling during installation but also contributes to reduced transportation costs. The lightweight nature of PolyKerb makes it a more practical and efficient choice for construction projects, where time and labour are critical factors.



Load Class



1.5t

A15
1.5 tonnes



12.5t

B125
12.5 tonnes



25t

C250
25 tonnes



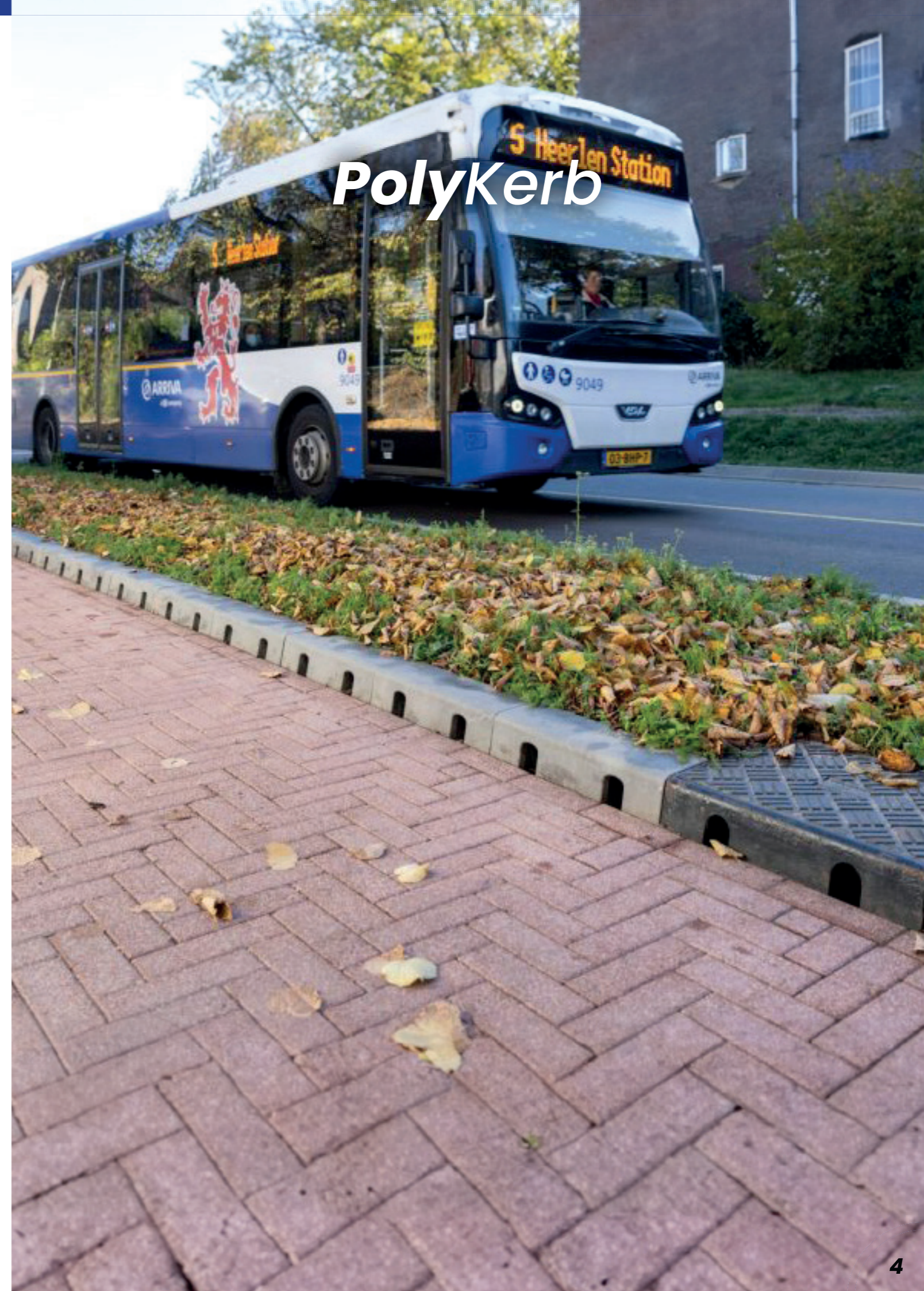
40t

D400
40 tonnes

Applications

- Roundabouts
- Motorways
- Roads
- Highly trafficked areas

PolyKerb



PolyKerb - Overview

Colour Options

Grey

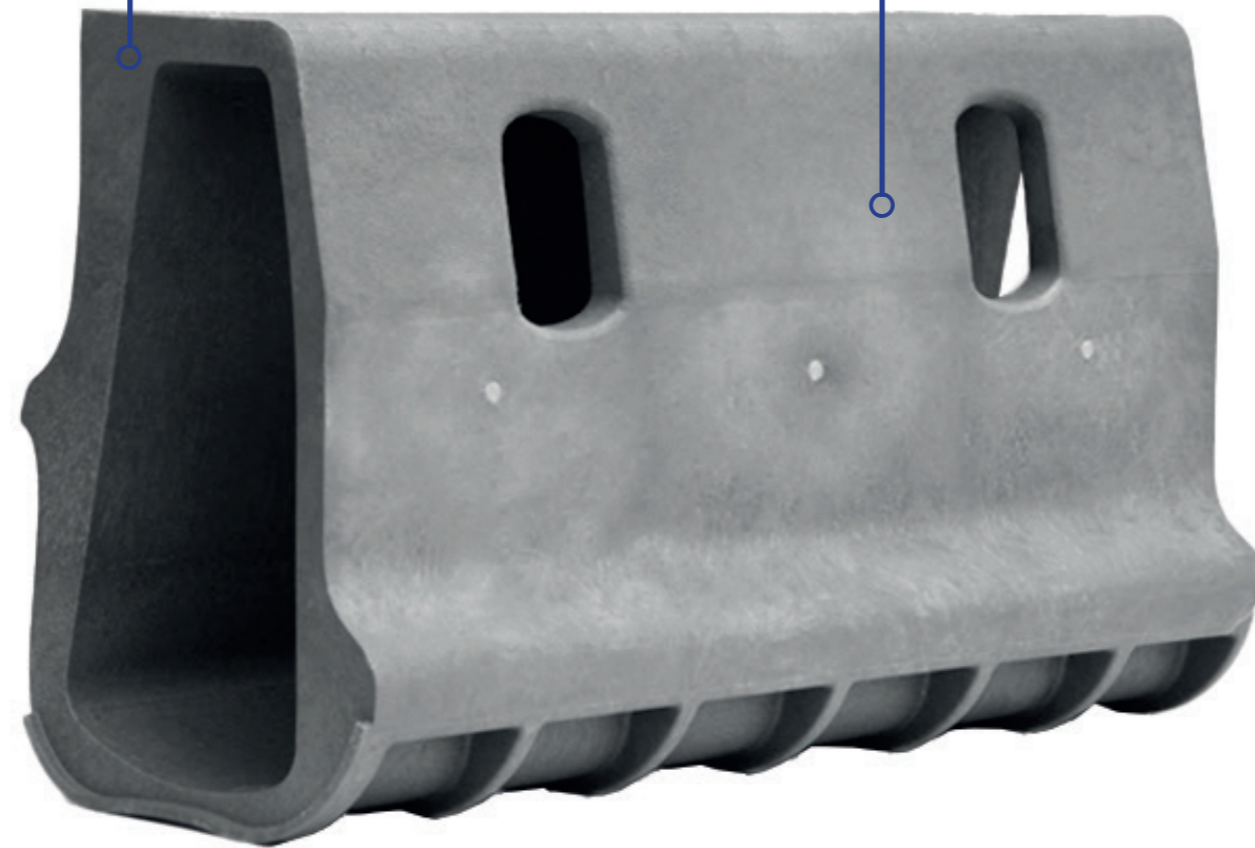


Hydraulic System

The combination of a large usable volume and hydraulically efficient material means PolyKerb creates fast flows and good silt transit. This aids the longevity of the structure, system, and product, reducing the frequency of future maintenance.

Material

The PolyKerb drainage channel sets a new standard in sustainable construction by incorporating 70% recycled materials into every unit. This innovative design not only ensures efficient water management but also significantly reduces the environmental impact of the project.

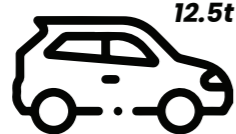


Load Classes



1.5t

A15



12.5t

B125



25t

C250



40t

D400

Kerb Options



Drainable Centre



Centre Kerb



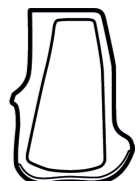
Lower Drop Kerb



Upper Drop Kerb



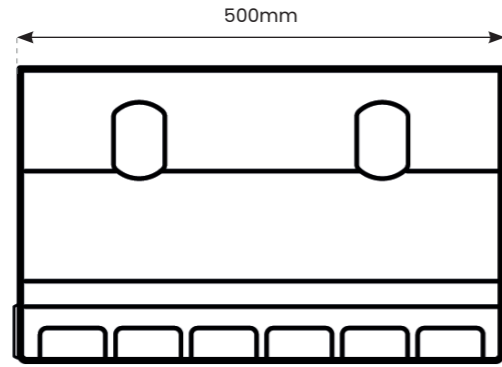
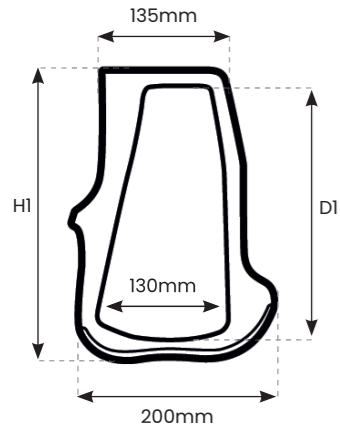
Splay Kerb Drain



HB Kerb Drain

PolyKerb

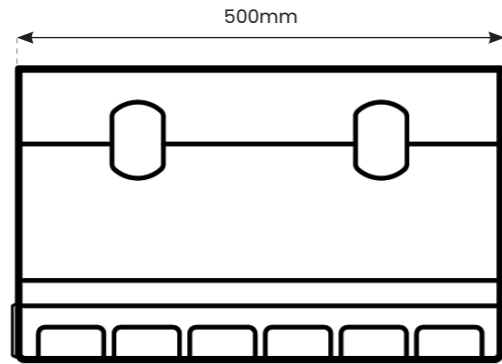
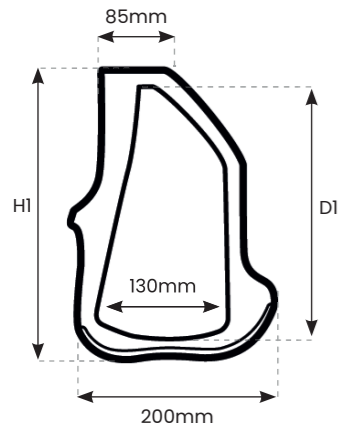
PolyKerb has a range of benefits from cost reduction and the extensive use of recycled materials, to being lighter, safer, and more sustainable, positioning it as a trailblazer in the pursuit of a greener and more efficient construction industry. As the demand for eco-friendly and cost-effective solutions continues to rise, PolyKerb emerges as a compelling choice for construction projects aiming to balance economic viability with environmental responsibility.



HB Kerb Drain Diagram

HB Kerb Drain

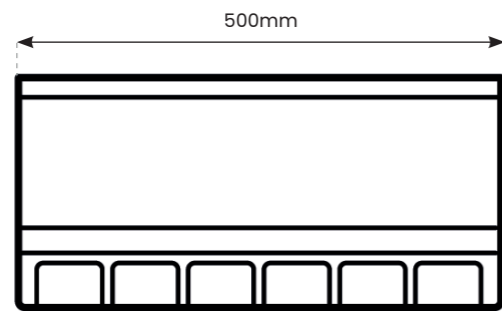
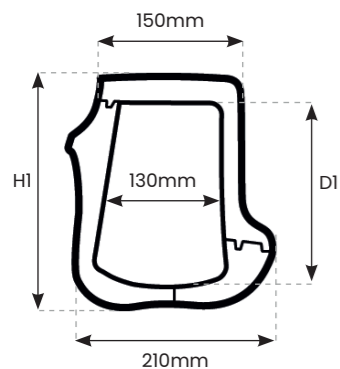
The recycled & recyclable lightweight standard units are manufactured from a hydraulically efficient material and have a large useable volume.



Splay Kerb Drain Diagram

Splay Kerb Drain

Our Splayed Profile Kerb Drain is to be used in situations where vehicles may need to "bump up" onto a verge in an emergency.



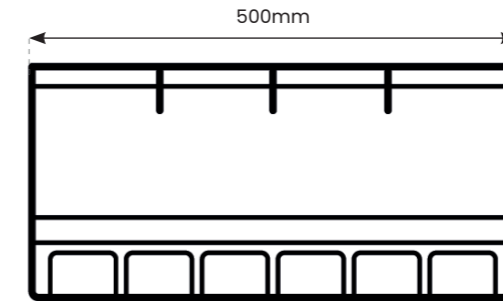
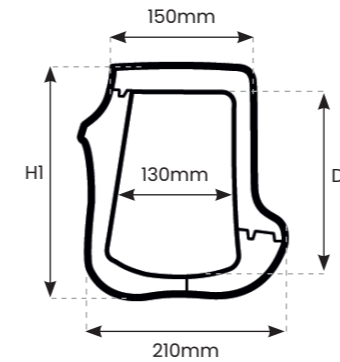
Centre Kerb Diagram

Centre Kerb

PolyKerb centre stones can be supplied plain or with vertical 8mm pedestrian-friendly inlets to maintain drainage intake through the drop.

PolyKerb - Specifications

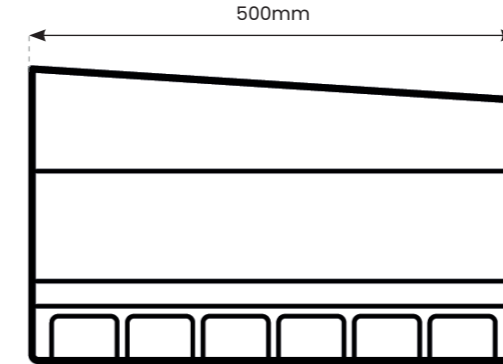
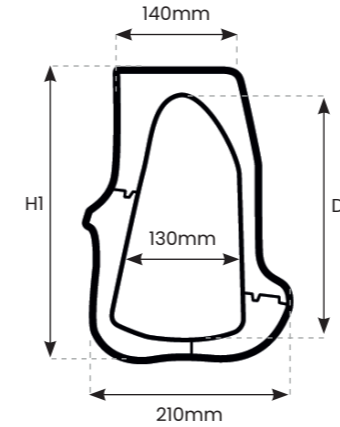
Reference	Description	Kerb Show	Length	Internal Width	Overall Width	Overall Depth(HI)	Internal Depth(DI)	Load Class
PK.HBKD	Half Battered Kerb Drain	75-125mm	500mm	130mm	220mm	305mm	265mm	A/B/C/D
PK.SKD	Splay Kerb Drain	75-100mm	500mm	130mm	215mm	305mm	265mm	A/B/C/D
PK.UDK	Upper Drop Kerb L/R	100/175mm	500mm	130mm	215mm	305-255mm	255mm	A/B/C/D
PK.LDK	Lower Drop Kerb L/R	100/175mm	500mm	130mm	215mm	255-205mm	210mm	A/B/C/D
PK.CK	Centre Kerb	0-25mm	500mm	130mm	215mm	205mm	165mm	A/B/C/D
PK.DCK	Drainable Centre Kerb	0-25mm	500mm	130mm	215mm	205mm	165mm	A/B/C/D



Drainable Centre Kerb Diagram

Drainable Centre Kerb

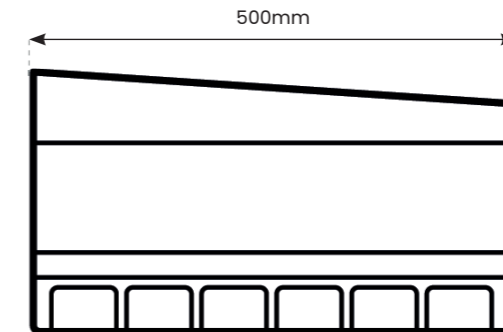
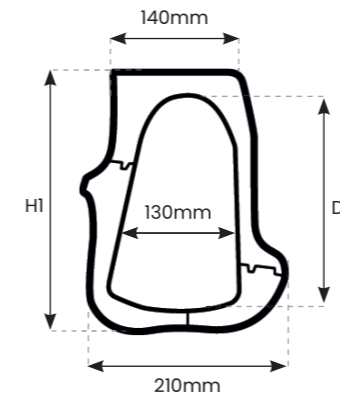
PolyKerb centre stones can be supplied plain or with vertical 8mm pedestrian-friendly inlets to maintain drainage intake through the drop.



Upper Drop Kerb L/R Diagram

Upper Drop Kerb L/R

Upper drop kerbs are designed to link the standard unit to the Lower Drop Kerb pictured. This allows the standard unit to be used in conjunction with a centre stone for areas where a lower kerb is required.



Lower Drop Kerb L/R Diagram

Lower Drop Kerb L/R

Lower Drop Kerbs are designed to link the Upper Drop Kerb to the Centre Stone. This allows the standard unit to be used in conjunction with a centre stone for areas where a lower kerb is required.

Accessories

Half Battered Access Unit

Solid ductile iron access points can be installed at the head of each run and at regular intervals subject to site conditions. Units can also be used as robust shallow or intermediate outlet points.



Half Battered Access Unit

Splay Access Unit

Solid ductile iron access points can be installed at the head of each run and at regular intervals subject to site conditions. Units can also be used as robust shallow or intermediate outlet points.



Splay Access Unit

Corner Units

Corner units can be used to create perfect 90-degree angles in your drainage runs without the need to mitre on site.



Corner Units

HB & Splay End Caps

Universal end caps can be fitted to access/outlets and standard units. Simply apply sealant up the window/entry height and fix it. Caps can be cut to allow for below-ground pipe connections.



HB End Cap



Splay End Cap

Accessories- Specifications

Reference	Description	Kerb Show	Length	Height (H)	Overall Width	Weight (KG)	Outlet
PK.HBGU	HB Gully Upper	75-125mm	500mm	305mm	380mm	78kg	-
PK.SGUU	Splay Gully Unit Upper	75-125mm	500mm	305mm	380mm	78kg	-
PK.GPUL	Gully Pot Unit Lower	-	375mm	750mm	375mm	3kg	160mm
PK.HBAU	Half Battered Access Units	75-100mm	250mm	360mm	215mm	19kg	160mm
PK.SAU	Splay Access Unit	75-100mm	250mm	360mm	215mm	19kg	160mm
PK.CU	Corner Units	75-100mm	250mm	305mm	220mm	18kg	-
PK.HBEC	HB End Cap	-	5mm	305mm	215mm	0.2kg	110mm
PK.SEC	Splay End Cap	-	5mm	305mm	215mm	0.2kg	110mm

HB Gully Upper

Full batter ductile iron top and base units are a high quality and heavy-duty access/outlet. For busy highway routes, they are an ideal bind for combined kerb and drainage units as the extent of a drainage run can often be the most exposed.



HB Gully Unit Upper

Splay Gully Unit Upper

Splay ductile iron top and base units are a high quality and heavy-duty access/outlet. For busy highway routes, they are an ideal bind for combined kerb and drainage units as the extent of a drainage run can often be the most exposed.



Splay Gully Unit Upper



Gully Pot Unit Lower



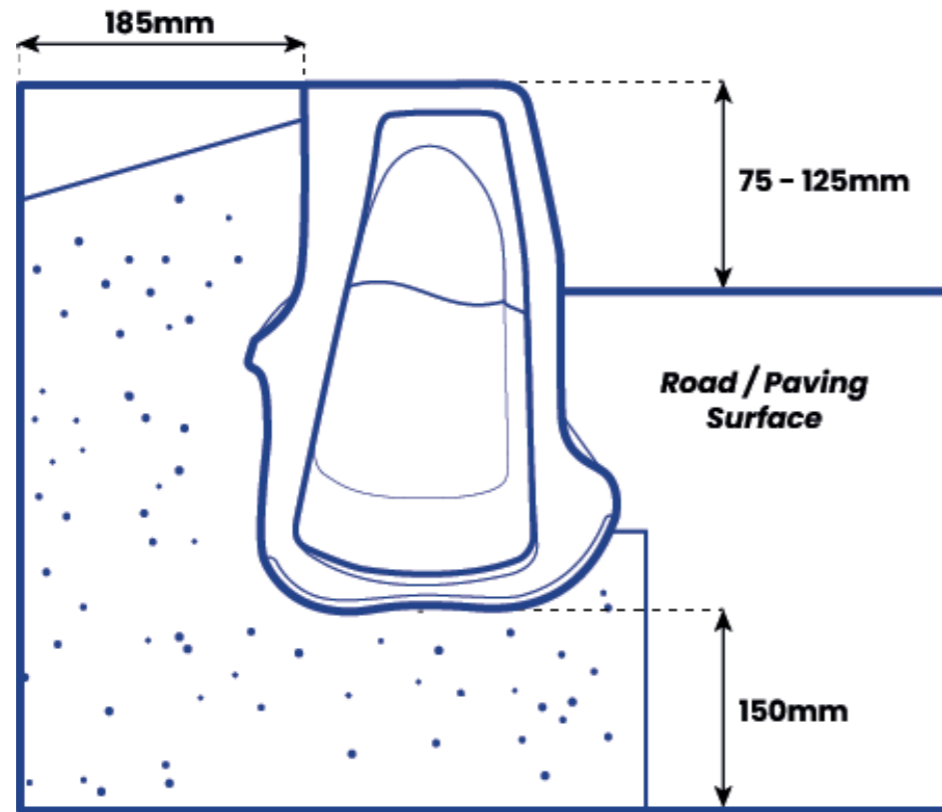
Gully Pot Unit Lower

The Gully Pot is used in conjunction with the Gully Unit Upper and is used to carry water away from the system. The Gully pot has a 160mm outlet for connecting to exterior pipes.

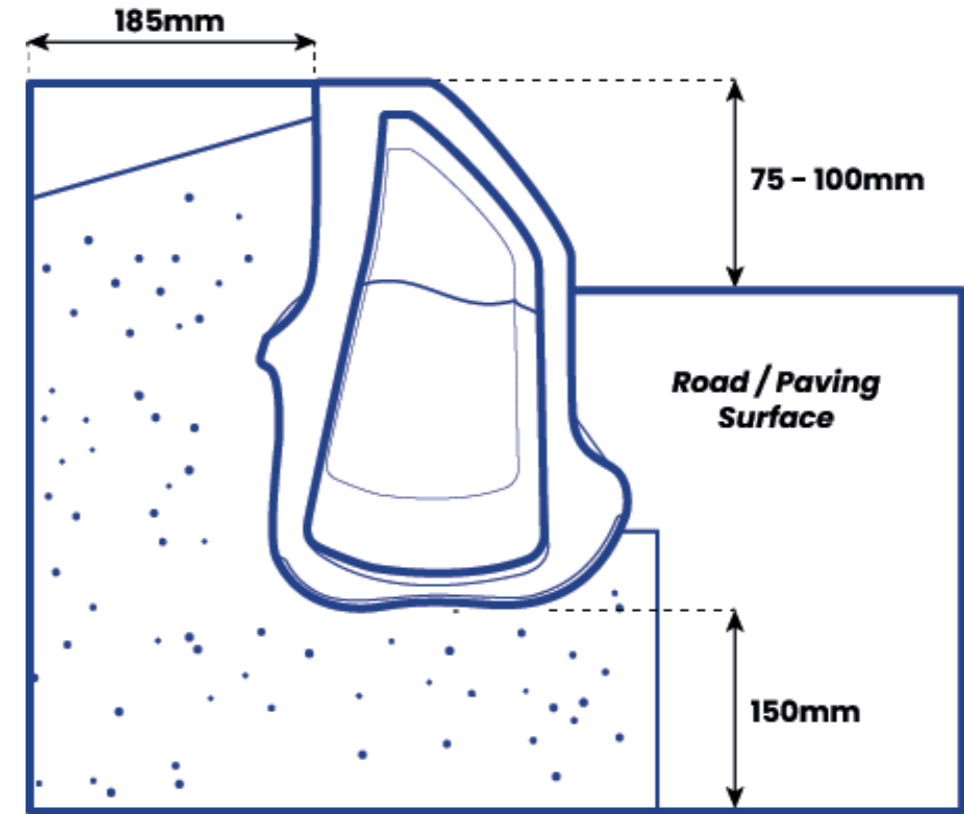
Installation Guide

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**.

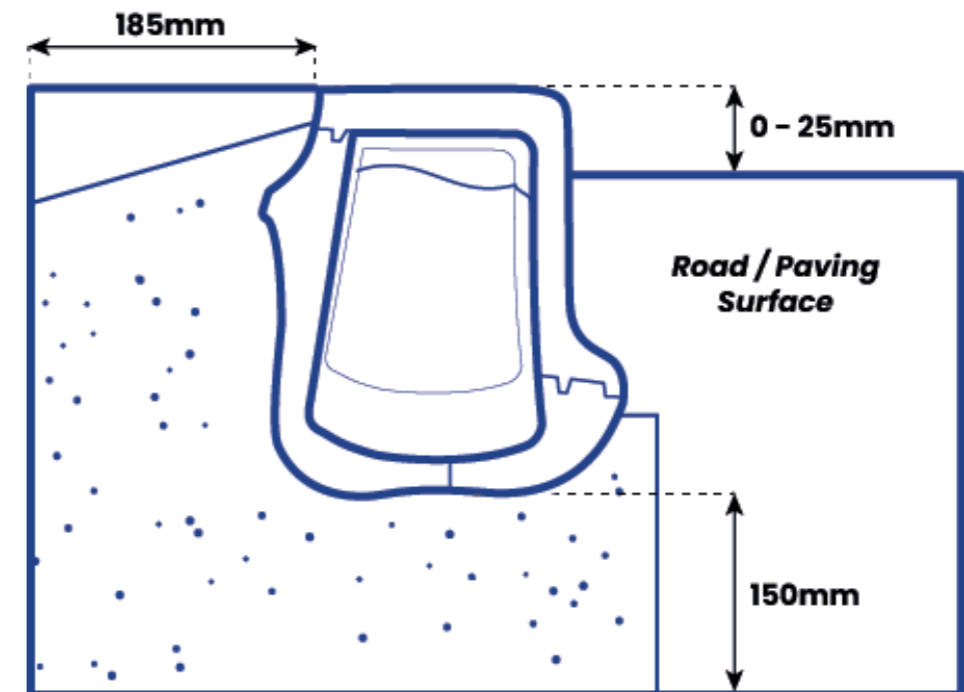
HB Kerb Drain



Splay Kerb Drain



Centre Kerb





Polycon Surface Water Drainage

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