



Specification Pack

B125 Drive Drain

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Product Overview

B125 Drive Drain

B125 Drive Drain

Channel Drainage

Our BCD1000/3/6 Drive Drain system is engineered from **100% recycled plastic** and is designed for the conveyance of surface water from impermeable, hardstanding areas around domestic properties.

Description

The Drive Drain system is engineered from **100% recycled plastic**.

This robust channel drain meets the **B125 load classification** under **BS EN 1433 standards**, making it a reliable choice for **low-traffic applications** such as **domestic driveways**.

Its **textured anti-slip surface** ensures safe use for **pedestrians and cyclists**, making it ideal for **patios, pathways, and other residential landscaping projects**.

Durable, sustainable, and easy to install—this system is built to perform in everyday groundwork environments.

Each **1-metre linear drainage unit** is designed for **quick and straightforward connection**, enabling seamless assembly for **continuous runs**.

For more complex layouts, a **4-way junction unit** is available—ideal for creating **90° corners, T-junctions, or cross intersections**. **End caps** are also provided to neatly **terminate runs** where required.

Flexible Drainage Options

Water discharge to a domestic drainage system is easily achieved via integrated 110mm vertical outlets located in the base of both the channel and junction units. Alternatively, a 40mm horizontal outlet on the end caps offers another convenient connection point, ensuring compatibility with a range of domestic drainage setups.

Features

- Tapered load supports ensure effective vertical and lateral distribution of vehicular loads.
- Innovative linear clip design allows the grate to be positioned anywhere along the channel length.
- Manufactured from 100% recycled materials and fully recyclable.
- Integrated Junction Unit: 4-way junction includes an integral leaf trap and a 110mm outlet for onward flow.
- End caps feature a built-in 40mm pipe outlet connector.
- Each grate includes 4 hidden screw fixing points for discreet and secure installation.
- Textured anti-slip finish enhances pedestrian safety.



Specifications

Product Reference	B125 Drive Drain
Code	BCD1000/3/6
Load Class	B125 (Type M)
Part Weight	2.65kg per unit
Material	100% Recycled Polypropylene
Colour	Black
Pallet Qty	96 per pallet

Datasheets

B125 Drive Drain Channel (BCD1000)

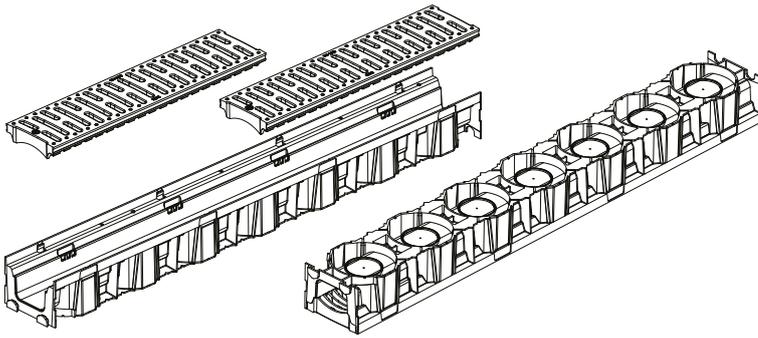
4-Way Junction Unit (BCD1003)

End Cap (BCD1006)

B125 Drive Drain Channel

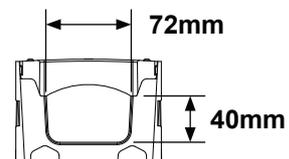
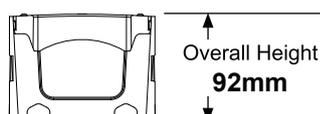
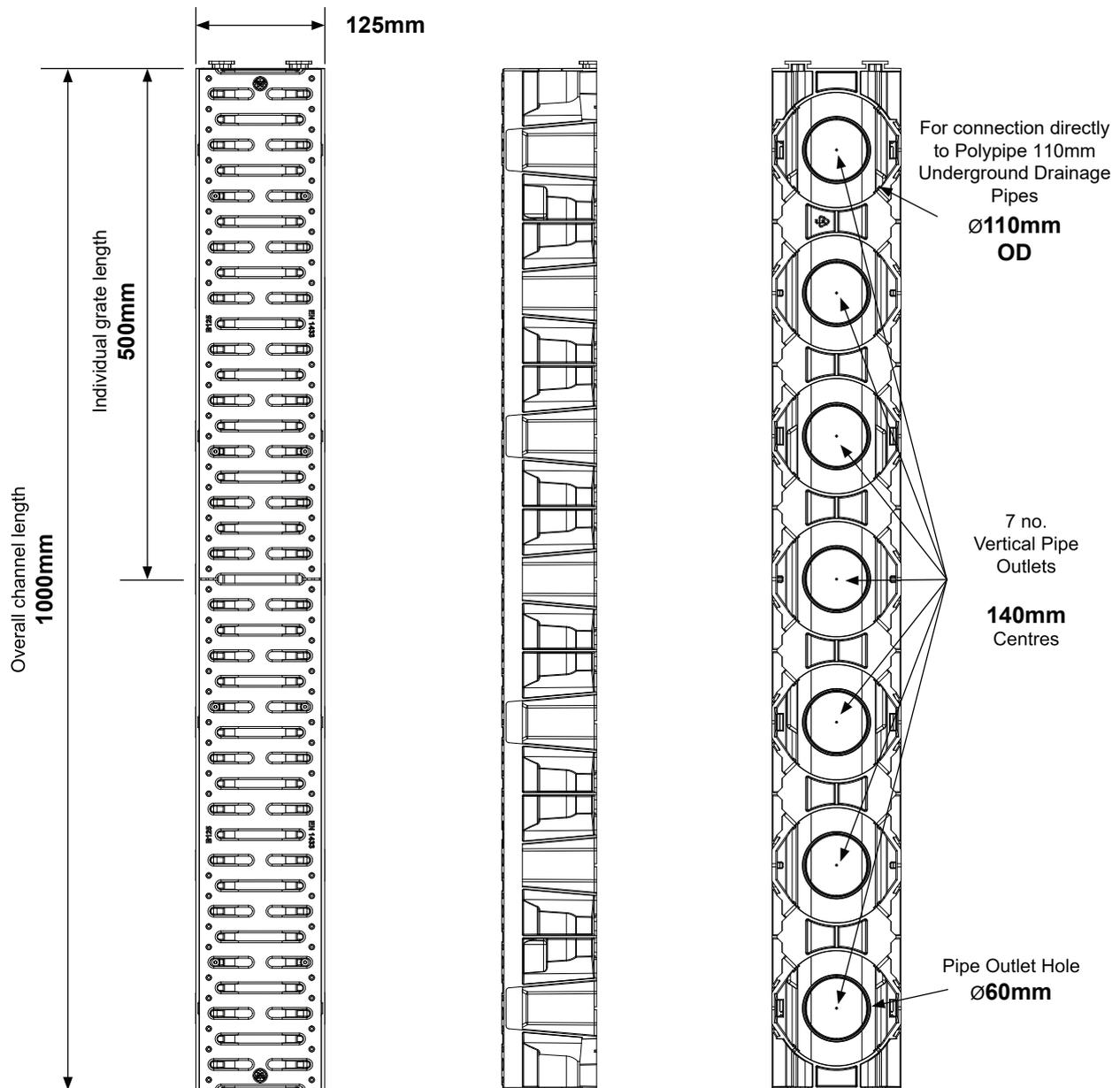
Manufacturers Code:

BCD1000



Load Class	B125 (Type M)
Part Weight	2.65kg per unit
Material	Recycled Polypropylene
Colour	Black
Pallet Qty	96 per pallet

Product Dimensions

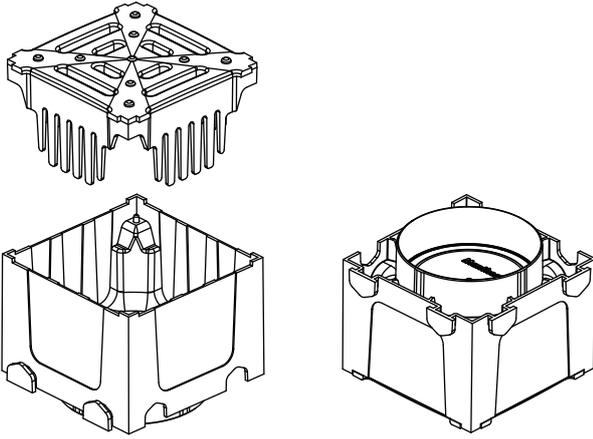


Internal dimensions

4-Way Junction Unit

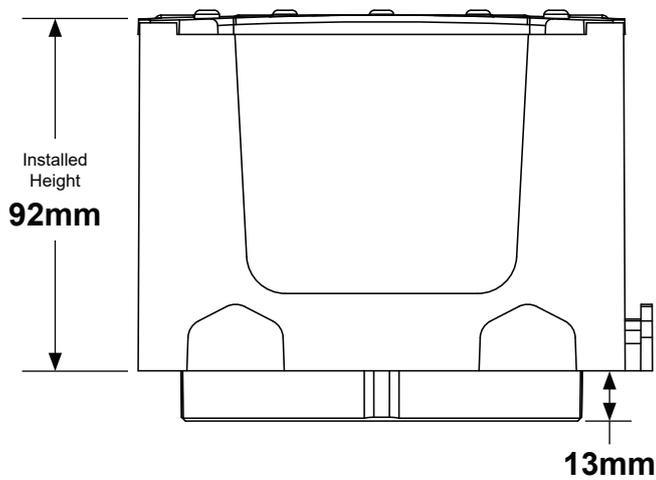
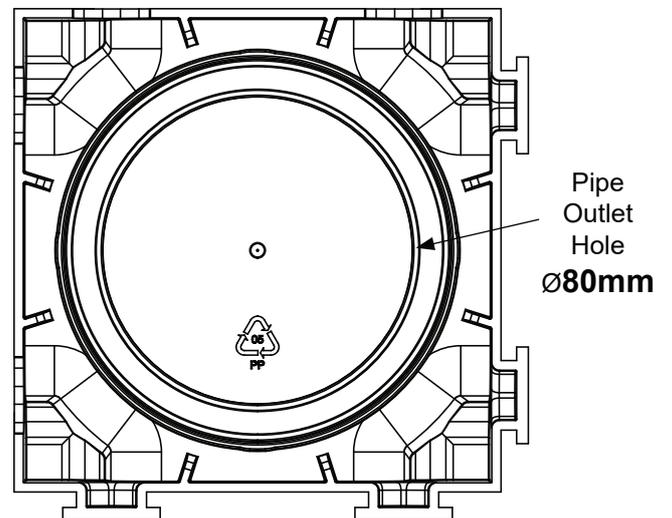
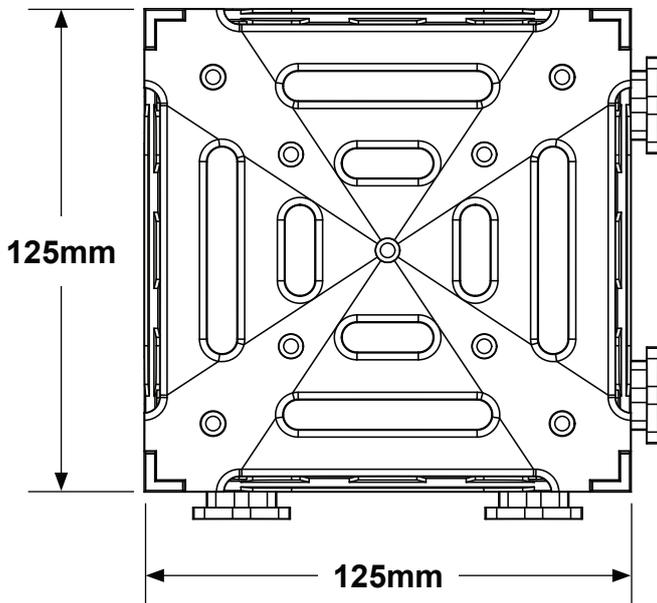
Manufacturers Code:

BCD1003



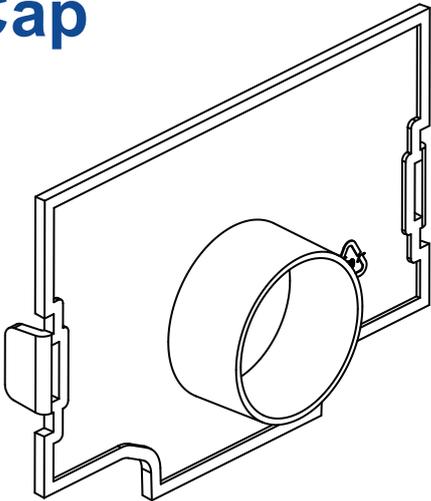
Load Class	B125 (Type M)
Part Weight	0.30kg per unit
Material	Recycled Polypropylene
Colour	Black
Box Qty	8 Per Box

Product Dimensions



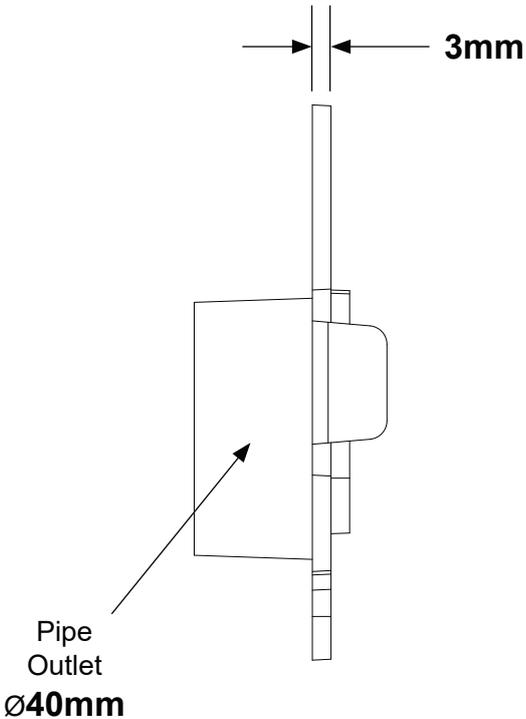
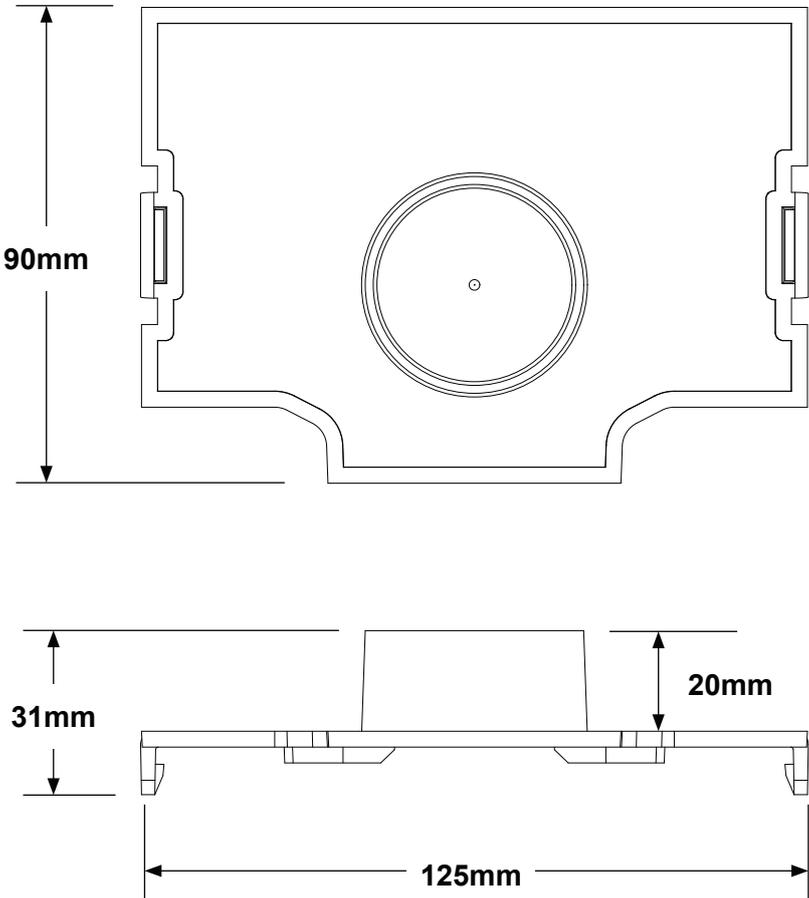
End Cap

Manufacturers Code: **BCD1006**



Load Class	B125 (Type M)
Part Weight	0.03kg per unit
Material	Recycled Polypropylene
Colour	Black
Box Qty	12 Per Box

Product Dimensions

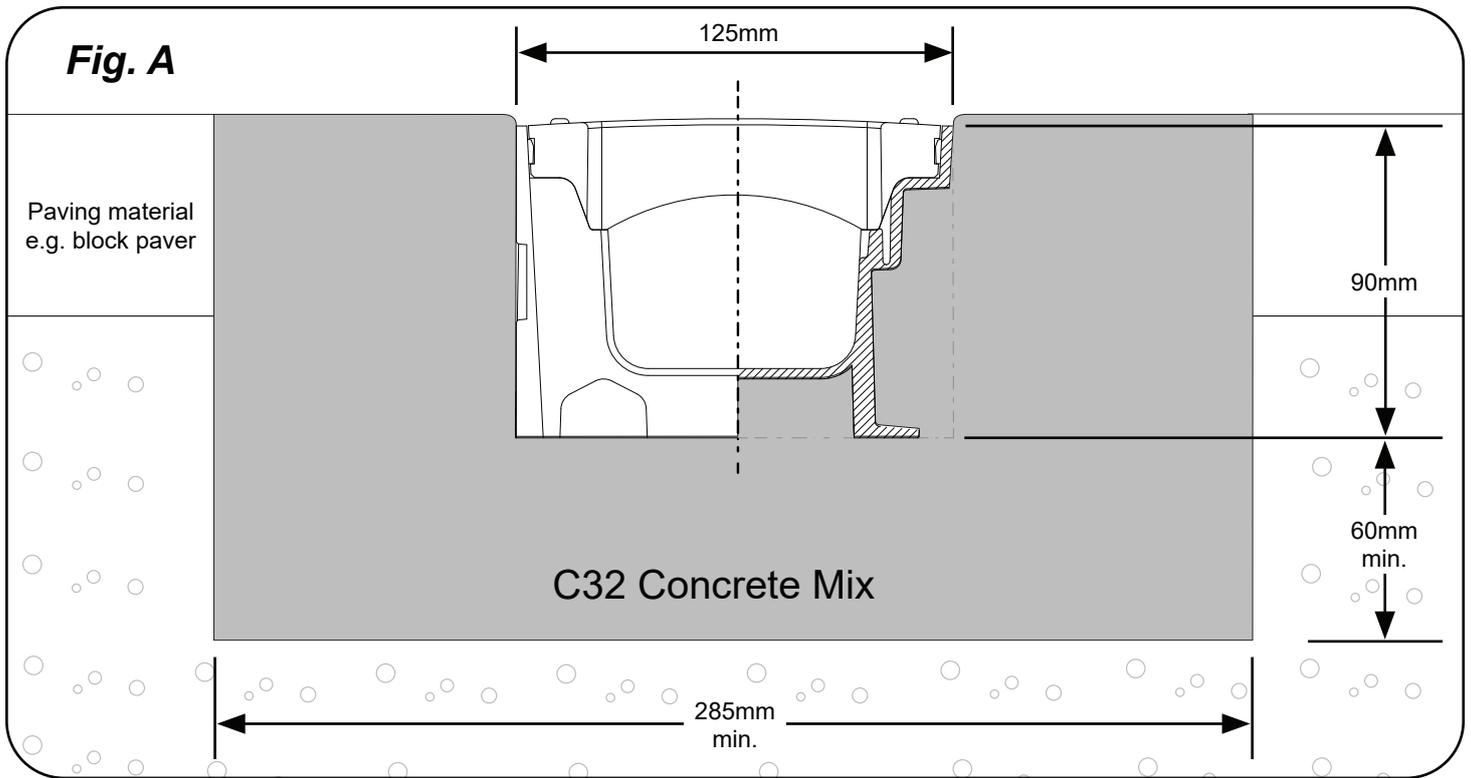


Installation Guidance

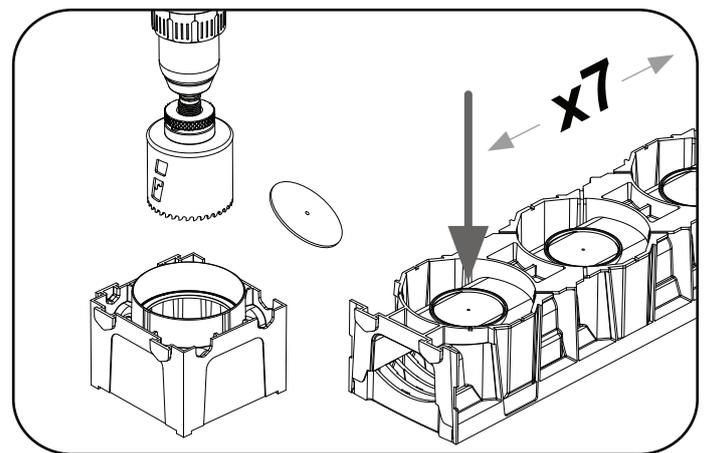
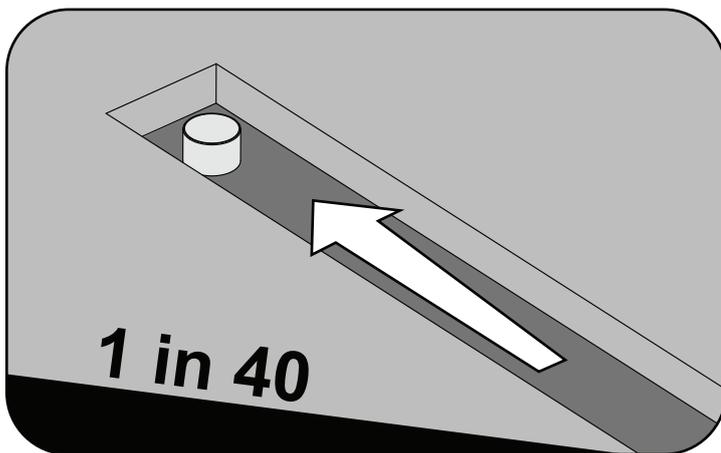
The following installation guidance details the preparation and installation of the **BCD B125 Drive Drain linear drainage system**.

Preperation and Trenching

- 1 Dig the Trench:** Once the necessary onward pipework is laid, excavate a trench to the dimensions shown in **Figure A** for the required run length



CRITICAL: Ensure the grates are in place before pouring the **supporting concrete** around the channel's side walls. The concrete structure must provide **full support** along the entire run to achieve the B125 rating. As a TYPE M channel (defined by EN 1433), it requires a robust concrete and structural support system along its entire length to achieve the specified B125 load rating.



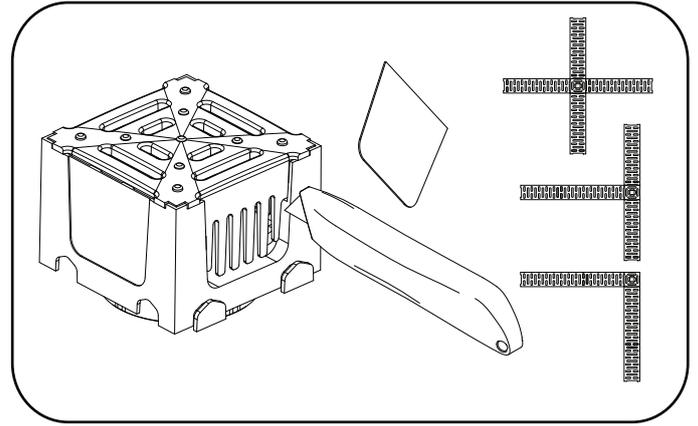
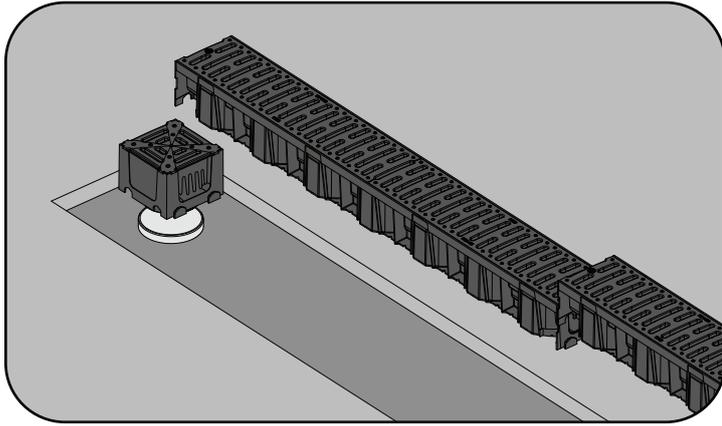
- 2 Ensure Proper Fall:**

- Crucially, integrate a **minimum fall of 1 in 40** (or 25mm over 1m) (see **Figure B**) into the trench base. This slope is essential to ensure adequate water flow, preventing standing water and debris build-up

- 3 Prepare Outlet Points:**

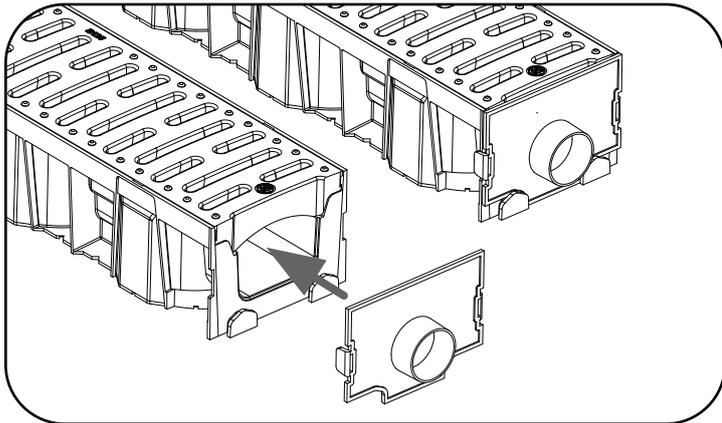
- The channel base has **seven 110mm connections** for vertical discharge. Use a 60mm **hole saw** to cut out the required outlet prior to channel installation.
- The **BCD1003 4-way junction unit** can accommodate a 110mm **outlet** by cutting out the designated point with an 80mm **hole saw**.
- For a horizontal connection, an outlet is available via the 40mm **pipe connection** on the **BCD1006 End Cap**.

Channel Assembly and Installation



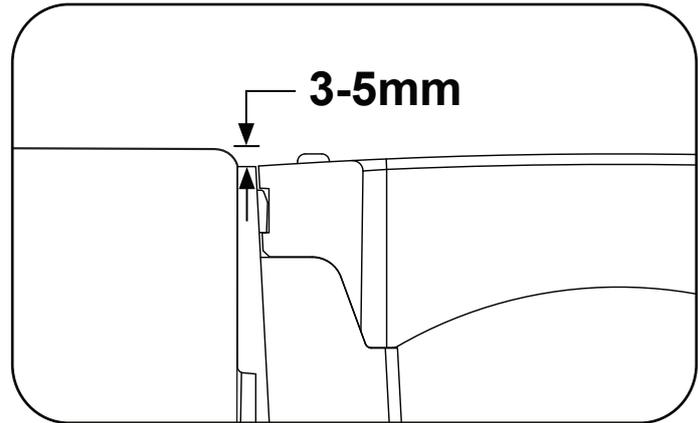
4 Position and Connect Units:

- Align the first channel's pre-cut outlet point with the drain connection and slot it into position.
- Link sequential channel units using the jointing clips at the ends.
- Apply a suitable **silicone or polybutene external sealant** to all seams between linked channels to ensure watertightness.



5 Handling Corners and Junctions:

- The BCD1003 junction unit facilitates **90° corners, T-junctions, or 4-way connections**. Simply use a knife to trim out the required blanked off sides to form the desired intersection.
- Channels can be easily cut down to shorter lengths or angled for **45° mitre joins** at designated points using a saw.



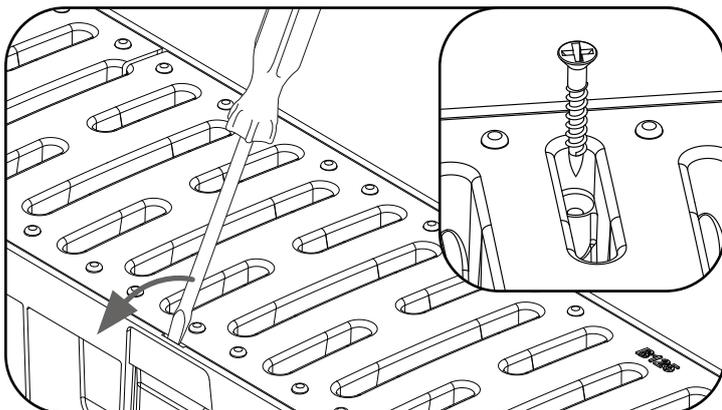
6 End Caps:

- Fit the End Caps to either the male or female end of the run. They should slide over the jointing clips and securely clip into the channel face. Seal the connection with a suitable **silicone or polybutene external sealant**.

7 Setting the Final Level and Support:

- The top of the installed channel must sit 3mm to 5mm **below the proposed finished ground level**.

Grate Management



8 Grate Removal:

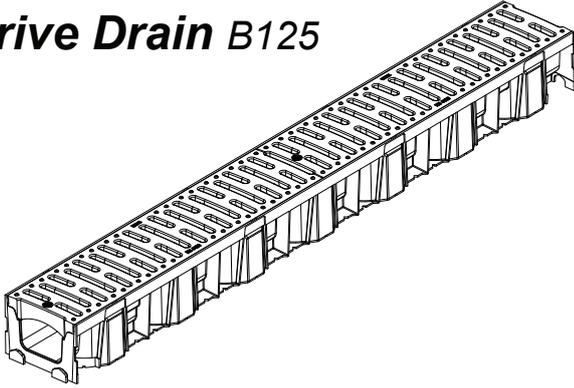
- To remove a grate, insert a **flat-blade screwdriver** at the sequential clip points and gently pry the grate upward along its length.

9 Security Fixings:

- For additional security, grates can be fixed down using four 4mm x 30mm **stainless steel screws** placed into the recessed fixing locations within the upper grating slots.

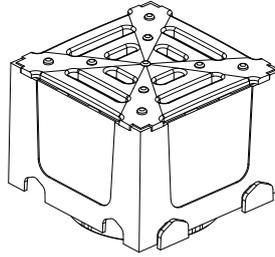
The Complete Range

Drive Drain B125



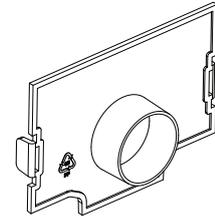
Drainage Channel and Grate

(Code: BCD1000)



Junction Unit

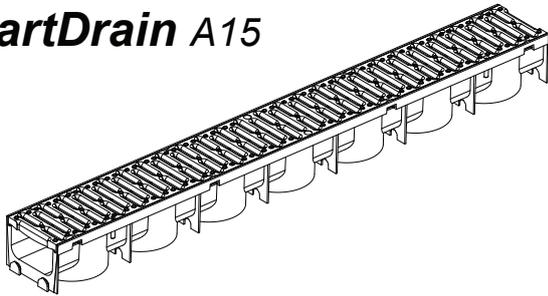
(Code: BCD1003)



End Cap

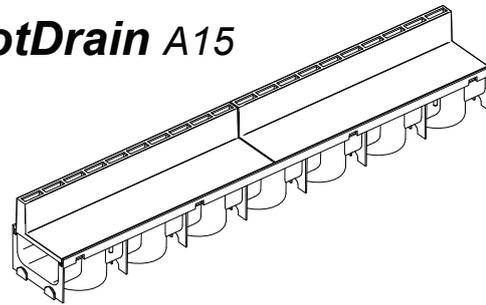
(Code: BCD1006)

SmartDrain A15



Code: MCD1000

SlotDrain A15



Code: MSD1000



BS EN 1433:2002

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Drainage channel **Type M** for the collection and conveyance of surface water from areas which can only be used on footways, pedestrian areas, private car parks and car parking decks.

Strength Class:

B 125 in accordance with the manufacturer's installation instructions.

Channel Material:

Recycled Polypropylene

Grating Material:

Recycled Polypropylene

Dimensions:

(L) 1,000mm (W) 125mm (H) 92mm

Weathering

Resistance:

NPD

Load Testing:

UKCA: BSI Test No. 30432909



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