NovaDrain

HIFLOW DOMESTIC DRAINAGE CHANNEL

The NovaDrain Hiflow Domestic Drainage Channel is a lightweight, high-capacity surface water drainage system designed for quick and straightforward installation. CE classified A15 (15kN/1.5 tonne) in accordance with EN 1433 standards and has been independently load tested to 3 tonne GVW for added confidence, meeting the demands of modern domestic vehicles.

This makes it ideal for pedestrian areas and light domestic vehicular traffic, including driveways, patios, garden paths, and garage thresholds.

Each channel length incorporates built-in corner and T-junction connections, removing the need for separate junction boxes to reduce both installation time and overall cost. Pre-formed cutting edges at regular intervals along the channel body allow for easy end-capping or directional changes as required.

NovaDrain Hiflow is compatible with block paving, paving slabs, tarmac, and concrete, making it suitable for both new-build and refurbishment projects. Installation is further simplified with quick fitting push-and-twist soil pipe adaptor and convenient push-fit end caps.

With a clear channel depth of 70mm, the system provides excellent water capacity and flow rate performance to store and convey high water volumes. Available with a durable twin-slotted, textured anti-slip plastic grate or a galvanised metal grate that are easily removable for cleaning and maintenance, both of which are designed for efficient surface drainage.

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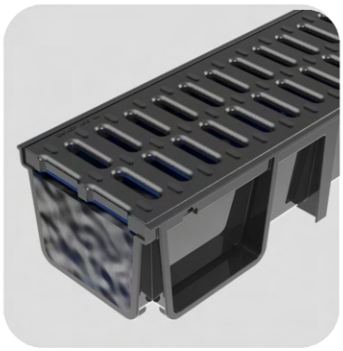
KEY FEATURES

CE marked to EN 1433 A15 load class (15kN / 1.5tonne), but load tested to 3tonne GVW for added confidence.



Deep channel design provides larger cross-sectional area to store and convey high water volumes. Capacity – 6.3 Litre per metre

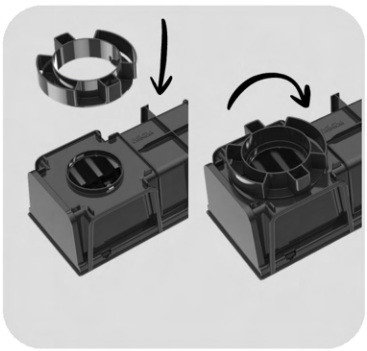
Multiple built-in Corner & T Junction connections

No corner or junction boxes required

Channels simply slot together

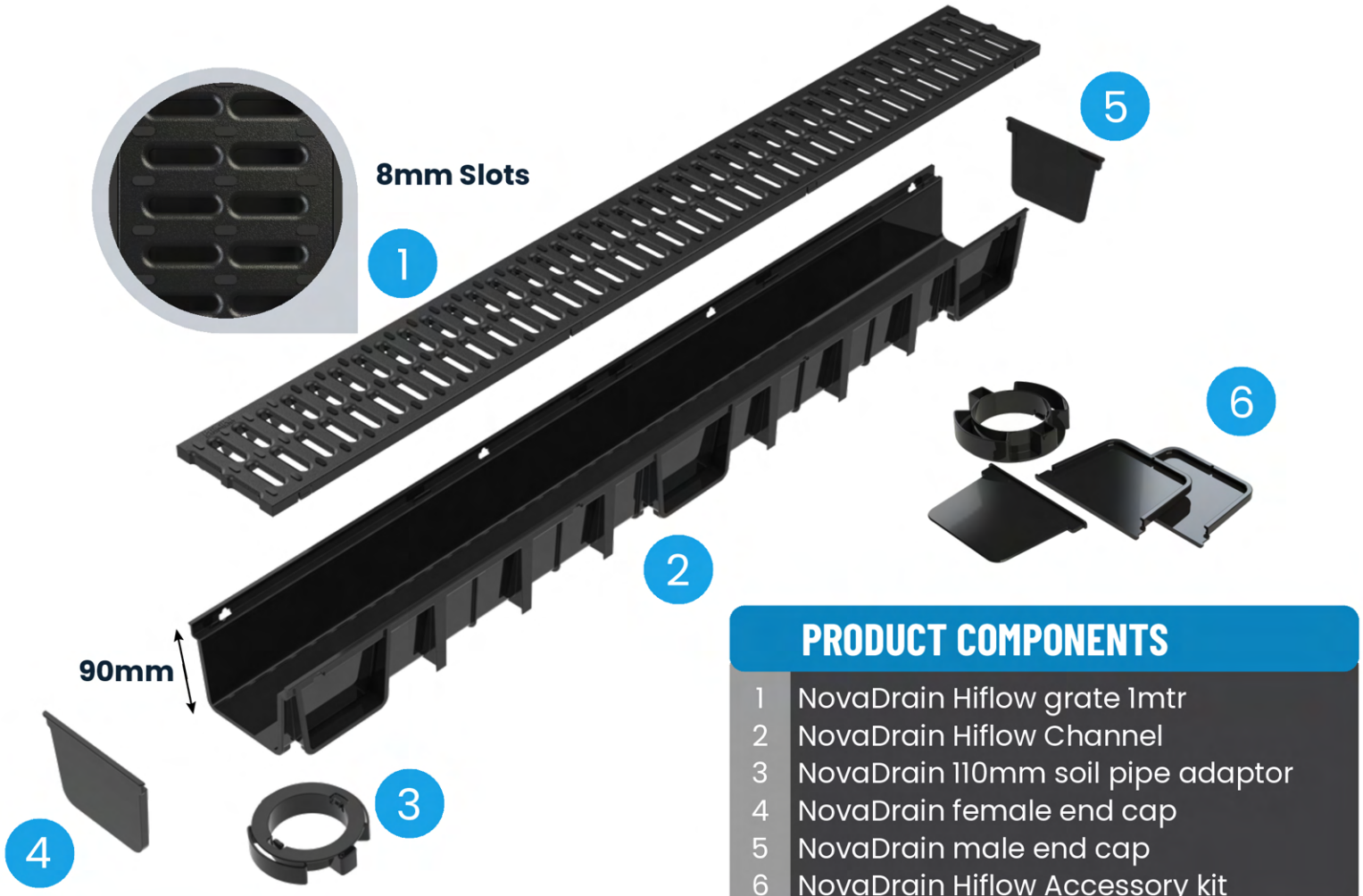
Preformed cutting edges at regular intervals to allow further jointing to channel or end caps.

High-flow rated grate for efficient surface water drainage



Quick push-and-twist soil pipe adaptors

Principal Building Products Ltd, Mangham road, Rotherham. S614RJ
Sales@pbpltd.co.uk Tel:01709 728150 Web: www.pbpltd.co.uk



PRODUCT COMPONENTS

1	NovaDrain Hiflow grate 1mtr
2	NovaDrain Hiflow Channel
3	NovaDrain 110mm soil pipe adaptor
4	NovaDrain female end cap
5	NovaDrain male end cap
6	NovaDrain Hiflow Accessory kit

PRODUCT RANGE

NovaDrain Hiflow P	Domestic Deep Channel with Plastic Grate 1mtr	Blk
Accessory Kit Hiflow	110mm Adapter, 1x Male & 2x Female End Caps	Blk
End Cap Kit Hiflow	1x Male & 1x Female End Caps	Blk

TECHNICAL DATA

Classification	A15 Type M to EN 1433
Length	1000mm
External Width	125mm
Overall Height	90mm
Clear Opening	95mm
Internal Height	70mm
Channel Capacity (1mtr)	6.22 litres
Material	Recycled PP & Metal zinc galvanised
Cross sectional area (Channel)	6,222 mm^2
Free flow area (grate)	21,736 mm^2
Grate design	8mm slotted with rolled edge
Weight	1.2kg
CFD Flow Rate @1Pa	4.5 l/s per m