NovaDrain

SHALLOW DOMESTIC DRAINAGE CHANNEL

The NovaDrain Shallow Domestic Drainage Channel is a lightweight, high-capacity surface water drainage system designed for quick and straightforward installation. It is 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 Shallow 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 push-and-twist soil pipe adaptors and convenient push-fit end caps.

With a channel body depth of 50mm, the system provides easy shallow dig applications and maintains great flow rate performance. 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 water 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.

Shallow dig profile for easy installation

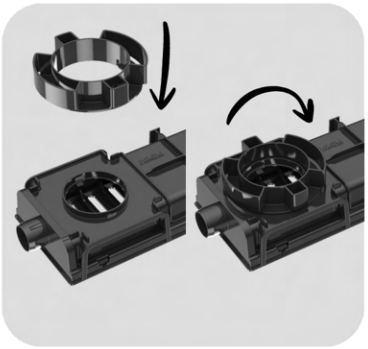
Multiple built-in Corner & T Junction connections

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

PRODUCT RANGE

NovaDrain Shallow P	Domestic Shallow Channel with Plastic Grate 1mtr	Blk/Blk
NovaDrain Shallow Grey P	Domestic Shallow Channel with Plastic Grate 1mtr	Grey/Grey
Accessory Kit Shallow Black	110mm adaptor, 1 x Male & 2 x Female End Caps	Blk
Accessory Kit Shallow Black	110mm adaptor, 1 x Male & 2 x Female End Caps	Blk/Grey
End Cap Kit Shallow Black	1 x Male & 1 Female End Caps	Blk
End Cap Kit Shallow Grey	1 x Male & 1 Female End Caps	Grey

TECHNICAL DATA

Classification	A15 Type M to EN 1433
Length	1000mm
External Width	125mm
Overall Height	50mm
Clear Opening	95mm
Internal Height	29mm
Channel Capacity (1mtr)	2.75 litres
Material	Recycled PP & Metal zinc galvanised
Cross sectional area (Channel)	2,650 mm^2
Free flow area (grate)	21,736 mm^2
Grate design	8mm slotted with rolled edge
Weight	1kg
CFD Flow Rate @1Pa	4.2 l/s per m