

System Specification				
Product Code	Description	Weight	Colour	Packing Details
GPD-1000	Channel & Grate	1.5kg	Black or Silver	Individual or 48 or 96 per pallet
GPD-AP	Accessory Pack	0.1kg	Black	In a bag containing 2 end caps, 1 leaf trap and fitting instructions
GPD-JU-12	Junction Unit	0.2kg	Black or Silver	12 per box

The Manthorpe SmartDrain is ideal for use on block paved, flagged, tarmac and concrete surfaces in the following areas:

- Patios
- Driveways
- Pathways
- Swimming Pools
- Gardens
- Pedestrian areas around commercial buildings

SmartDrain benefits

- Quick and easy to install
- Can be cut to any length
- Clip-down grate for simple installation
- High heel and child-friendly grate
- 90° corner, T-junction and 4 way Junction Unit available
- Channels clip together for easy on-site fabrication
- Numerous optional vertical water outlet positions
- Choice of black or metallic effect silver grate coverings
- Fully certified to A15 BS EN 1433:2002

Manthorpe Quality

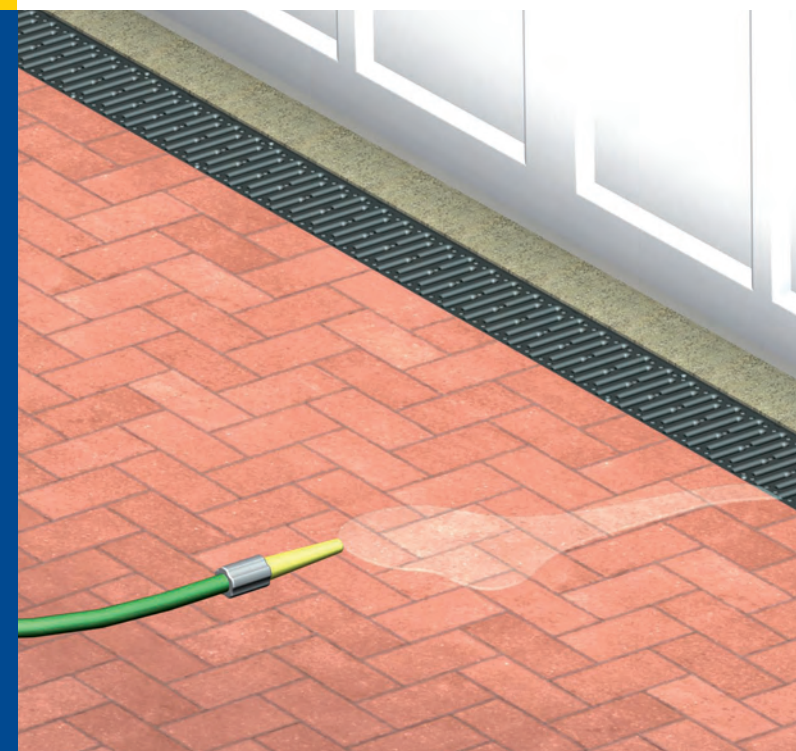
Manthorpe manufactures a range of ventilation and building products at its headquarters in Derbyshire, under an ISO9001 Quality Assurance Scheme.

All products are designed to comply with the relevant current Building Standards when fitted in accordance with the manufacturer's instructions.

The company maintains a policy of continuous development of its product range and reserves the right to amend the specifications without notice.



smartdrain



smartdrain

An easy and effective way of removing troublesome standing water

SmartDrain has been independently tested and gained an A15 load class rating in accordance with BS EN 1433:2002. The load test involves applying a load of 15kN on the test subject.

The Manthorpe SmartDrain range provides you with everything you need to remove the standing water from around your property.

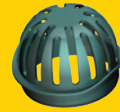
All components in the system are manufactured in the UK and made from recycled polypropylene.

accessory pack

Manthorpe SmartDrain accessory pack contents:



2 x Endcaps



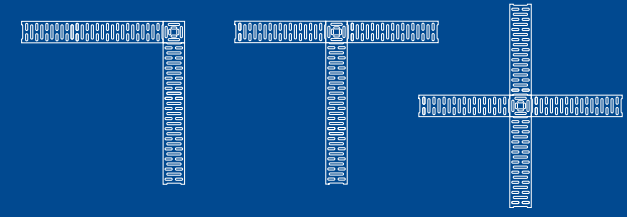
1 x Leaf Trap



1 x Fitting Instructions

junctionunit

The SmartDrain Junction Unit enables the user to create a variety of drainage junction configurations. Utilising the same clip feature found on the channel lengths, the Junction Unit is quick and easy to use. Grate coverings are available in black or metallic effect silver. Configurations are illustrated below:



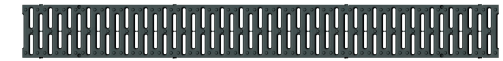
90° corner

T-junction

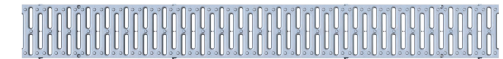
4-way junction

The Manthorpe SmartDrain range provides you with everything you need to remove the standing water from around your property

colour options



black code BL



metallic effect silver code SLV

key features

- A Clip together lengths for quick and simple on-site construction. The unique clip feature will not block with site debris ensuring a secure connection every time
- B Clip down grate covering with optional screw bosses for additional security
- C Clip-on end caps shut off both ends of the channel
- D Seven vertical water outlet positions designed to fit standard 4" dia. underground pipe and accommodate the leaf trap
- E Cutting point and guide with reusable clip detail at six positions makes shortening full lengths simple
- F High heel and child friendly grate

