

## Frequently Asked Drainage Questions

At Polypipe Terrain we are proud of the history of manufacturing excellence, product development and technical support offered to our customers. Currently at Polypipe Terrain we have a technical department supporting not just drainage projects and applications but also plumbing and heating, water supply, rainwater harvesting, and the delivery of training programmes to assist with all these solutions.

This Technical Bulletin has been compiled from the Frequently Asked Drainage Questions received by our technical department and the questions and answers are detailed below:

### 1. What materials are used in the manufacture of your products?

- The 100 and 100P series are made from unplasticised Polyvinyl Chloride (uPVC or PVC-u)
- The 200 series is manufactured from Modified unplasticised Polyvinyl Chloride (MuPVC)
- The 300 series is made from Polypropylene
- Terrain FUZE is manufactured from High Density Polyethylene (HDPE)

### 2. What are the working temperatures for your systems?

- Terrain soil and waste systems may be used to convey liquids with a maximum temperature of 76 degrees when subjected to continuous flow. Intermittent discharges of up to 100 degrees Celsius may occur provided they are of less than two minutes duration.
- Terrain's FUZE HDPE system may be used to convey liquids with a maximum temperature of 80 degrees when subjected to continuous flow. Intermittent discharges of up to 95 degrees Celsius may occur provided they are of less than two minutes duration.

### 3. Can I use your drainage products for a boiler overflow?

- You should always refer back to the boiler manufacturer to ensure their products do not operate outside the parameters outlined in question two.

### 4. What standards are your products made to?

- All products manufactured by Polypipe Terrain are done so in accordance to the ISO 9001 quality management system.
- BS 5255:1989 Specification for Thermoplastics Waste Pipe and Fittings
- BS 4514:2001 PVC Soil and Ventilation Pipes, Fittings and Accessories
- BS EN 1329:2000 Plastic Piping Systems for Soil and Waste Discharge
- BS EN 1566:2000 Plastic Piping Systems for Soil and Waste Discharge (Chlorinated)
- BS EN 12380 A1 Air Admittance Valve
- BS EN 1519 Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure. Polyethylene (PE) specifications for pipes, fittings and the system.

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### 5. Please can you advise on your products compatibility to other materials?

- Please download our January 2012 technical bulletin from the following link [www.polypipe.com/terrain/technical-bulletins](http://www.polypipe.com/terrain/technical-bulletins)



### 6. Please can you advise of the RAL colours of your products?

- Terrain Grey RAL 7023
- Black RAL 9005
- White RAL 9010
- Rustic RAL 8016

If you require further details on the above or have other questions you need answering please contact our technical department on 01622 795 200 or visit the literature section on our website at [www.polypipe.com/terrain](http://www.polypipe.com/terrain)



Terrain FUZE  
Technical Manual

Above Ground  
Drainage  
Technical Manual