

# Polypipe Building Services Polypipe Advantage Terrain PVC-u



## 1. System Description

The Polypipe Advantage Terrain PVC-u riser/stack system shall be as indicated on the drawings and delivered with the agreed programme of works. The product shall be designed and delivered as a fabricated solution in accordance with site specific design criteria with elements pretested at the Polypipe Factory. Final sizing is subject to installer confirmation and sign-off of drawings for manufacture and delivery.

## 2. Quality Assurance

- BS EN ISO 9001 – Quality Management System
- BS EN ISO 14001 – Environmental Management System BS ISO 45001 – Occupational Health & Safety Management System
- PAS 99 – Integrated Management Registration
- BS ISO 56002 – Innovation Management System

### 2.1 Standards Compliance and Certifications

Terrain Soil and Waste systems are manufactured in accordance with the appropriate British and European Standards and, where applicable, bear a kitemark (KM).

PVCu Soil systems – 82, 110 and 160mm Soil Pipes and Fittings BS 4514 (KM 05252) and BS EN 1329 – 1 (KM 57744)

PVCu Waste Systems – 32, 40 and 50mm Waste Pipes and Fittings BS EN 1566 (KM 88038) and BS 5255 (KM 06413)

## 3. Fire Protection

Firetrap Sleeves for Terrain PVC-u are rated up to 4 hours fire rating to BS 476 Part 20, BS EN 1366-3 and offers protection above and below slab. The Firetrap Sleeves also hold a European Technical Assessment ETA-20/1151

Firetrap Collars hold a European Technical Assessment ETA-20/1151 and BS EN 13501-1 (reaction to fire) and BS EN 13501-2 (resistance to fire).

Please refer to the Firetrap Technical Manual Literature & Technical Info | Polypipe or email [buildingservices.technical@polypipe.com](mailto:buildingservices.technical@polypipe.com)

## 4. Typical Terrain PVC-u Riser Fittings per Floor Level

- Universal Soil Manifold, allows for multiple low level waste connections: 119.412.15
- Fittings to include grooved section to allow for securing riser to Anchor Bracket.
- Access Pipe Single Socket: 139.4
- Expansion Coupler: 111.4
- Anchor/Guide Bracket x2: 9140.110B

Please refer to the Terrain Above Ground Technical Manual Literature & Technical Info | Polypipe or email [buildingservices.technical@polypipe.com](mailto:buildingservices.technical@polypipe.com)

## 5. Testing

All completed/installed soil and waste systems to be air tested to a minimum 38mm water gauge over 3 minutes. There will be no drop in pressure during this time period.