

# Residential 'live stack replacement' made possible with Terrain fabricated solution

Large scale 'live' drainage replacement works were able to take place thanks to a time saving solution from Polypipe Building Services.



Terrain  
dB12 & Terrain  
Fuze

Having worked closely with M&E Contractor IDS and Birmingham City Council on a refurbishment programme since 2009, Polypipe fabrications team devised a solution which would enable residents to stay in their homes while essential works were undertaken to replace the original cast iron soil and waste pipes across three separate high rise towers.

Polypipe manufactured 200metres of 110mm Terrain dB12 and 75mm Terrain FUZE fabricated soil and waste stacks to exact specifications and delivered them to site in Kings Norton, where sub-contractor Lovell was able to complete installations across 96 properties 40% faster than the average for such works.

Polypipe Terrain's ability to fabricate its drainage products off-site in its UK manufacturing facilities, along with the unique features of the soil and waste solution provided, ensured that the number of joints and cuts were kept to a minimum.

Using fabricated drainage stacks meant that average installation times per property were reduced from five hours to just three.

A vital element of this project was to complete work with as little intrusion as possible. As a result of the type of works programme put into place it was possible to successfully deliver live stack replacements across 96 individual properties ahead of the timescales set out, with minimum disruption to residents.

The challenges presented on this project, not only with residents in place but also a lack of space for installation teams to work, were easily overcome thanks to Polypipe's ability to provide a high quality 'one fitting solution'.



Terrain dB12

Terrain Fuze

## CASE STUDY

### Project

Loweswater House, Waltham House  
and Sandhurst House  
Kings Norton, Birmingham

### Client

IDS

### Application

Drainage stacks

### Products

Terrain dB12  
Terrain FUZE