

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.



**Terrain
Acoustic dB12
& Terrain Fuze**



Acoustic dB12

Terrain Fuze

Having worked closely with M&E Contractor IDS and Birmingham City Council on a refurbishment programme since 2009, Polypipe Terrain's 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 Terrain 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 Terrain's ability to provide a high quality 'one fitting solution'.

CASE STUDY

Project

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

Client

IDS

Application

Drainage stacks

Products

Terrain Acoustic dB12
Terrain Fuze