

CAST IRON DOWNPIPE PIPE REPAIR CASE STUDY



Customer: Apartment Complex.

Site : London, UK.

System: 4" (100mm) cast Iron down pipes running from roof to ground level, rainwater.



Problem:

Cracks and corrosion have fractured the downpipes in this London apartment complex. Water ingress through the building is causing damage and structural issues throughout the building.

The pipes ran behind walls, plasterboard and in ceilings, some areas contained asbestos, pipe replacement was going to be a costly, hazardous and an intrusive process.

Solution: The pipes were accessed from the roof and inspected with specialist camera systems.

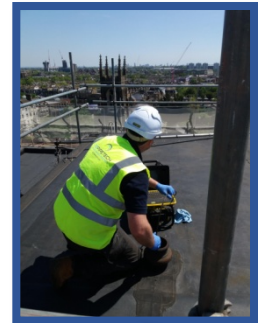
The inspection revealed many cracks, corrosion and blockages throughout the building.

The pipes were cleaned using specialist rotary tools, this removes scale build up and clears the pipe of debris and corrosion while also preparing the interior surface of the cast iron pipe to receive the coating.

25 metres of pipe in each run was then relined with our line in-situ system with minimum disruption.

A final camera inspection revealed a successful repair and the system was pressure tested and re-commissioned.

This pipe is returned to service and is now protected from any further deterioration of the host pipe.



R2 Pipetech Ltd provides specialist services in the UK and overseas in the pipeline, water and marine industries.

Utilising state of the art pipe investigation and pipe relining techniques along with a range of epoxy repair and coating systems, we can upgrade and protect your pipe, tank and water infrastructure to minimise disruption and eliminate costly shutdowns.

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