

CASE STUDY:

AMP Building, Sydney



Work Performed

Nuflow Relined four 150mm galvanised steel stormwater downpipes totalling 440m each with several incoming 100mm and 150mm lateral connections.

Constructed in the late 1950's, the AMP Building at Circular Quay in Sydney, underwent a \$90 million refurbishment. Once the renovations were completed, the final issue was the stormwater downpipes.

Nuflow was contacted as there is no other company in Australasia who could carry out the Relining works, due to the pipes being in a vertical position.

Degree of Difficulty

With a significant distance between access points, several incoming junctions and multiple bends, this job needed to be carefully planned out. The major concern was ensuring that there was no disturbance to the tenants of the building. The level of difficulty and the length of liners, required the works to be carried out in two stages. This meant that each line was divided into two, the top half from level 26 to level 13, then the bottom half from level 13 down into the basement. The initial CCTV investigation confirmed that all four downpipes were extensively corroded. Each pipe needed to be opened up to close to its original internal diameter so the flow wasn't restricted by the scale build-up inside the pipe. The immediate concern was the areas already leaking, but we also wanted to be sure that no future problems ever arose.

Results

The works were completed well within our estimated schedule. The tenants had no idea we had solved the problem until several weeks later when they eventually enquired, and the maintenance engineers were as happy as they were impressed by the works we had completed.

Alternatives

The estimated re-pipe cost was \$200,000 to \$300,000, however, the estimated saving was \$100,000. The savings in time, noise, mess, disruption, risk of injury, further damage, and reinstatement of structures are immeasurable.

Visit us at NUFLOWTECH.COM.AU or talk to us on 1800 NUFLOW for a solution.