



Project completed, with the torch-on membrane applied to all elements of the roof



The membrane had to be applied to sloping roof areas and under low level plant installations



The old membrane had to be stripped and the new system applied in sectional areas

A new roof torched on solves leaks in data centre

The problem: The 20 year old membrane system was failing, allowing water to leak into the building. In this, a high security, nationally important data centre, leaking could not be tolerated. Also, extending the life of the building life imposed the requirement for the membrane to last as long.

The constraints: The existing system had to be stripped, the concrete primed and a minimum one layer of membrane applied to prevent any water leakage in the heaviest rain. Because the data centre was high security, the Preservation Technologies team had to adhere to strict security and safety protocols.

The solution: A detailed site management plan, coupled with skilled tradesmen and high performance materials backed by strong project management and supervision.

The methodology: The Preservation Technologies team undertook a trial membrane prior to project

start to establish the ease of removal of the old material and validate the strategy. The team erected an external hoisting system for the duration of the project. Then it removed sectional areas and laid the new membrane system. Each area had to followed by a QA check and sign-off. Additional building work was undertaken as part of the project to ensure watertightness of the structure.

The results: The project was successfully delivered within program and budget, with no breaches of security and no safety issues.

Client project manager: Steve Thompson

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To Whom It May Concern:



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Dear Sir or Madam

Reference for Preservation Technologies Pty Ltd

TR Group in their capacity as project and construction manager for a major building upgrade and refurbishment project at 54-60 Talavera Road, Lane Cove, recently contracted Preservation Technologies to undertake a large waterproofing contract forming part of the overall building works. My client's data centre occupied the building and was fully operational on a 24/7 basis. Strict adherence to security and safety protocols; and development and maintenance of a specific works methodology was essential to maintain the waterproofing integrity of the building at all times whilst the project was underway.

The project was run on a very professional basis, there were no issues regarding safety, the in-house rules for operating within the facility were adhered to, most importantly the strict regime for execution of the works was maintained at all times and ultimately my client received a project delivered on time; incident free; within agreed project funds; and to a very high quality standard.

My company is very happy to provide a reference for Preservation Technologies for specialist remedial contracting works; in this regard please contact the undersigned.

Yours faithfully

Steve Thompson
TR Group Pty Limited