



The existing PVC membrane needed replacing



The team laid the new membrane up to the new structure



Construction of the new steel structure got under way on schedule

PRESERVATION TECHNOLOGIES

CASEFILES

New plant room and floating membrane system

The problem: The existing roof of the heritage building urgently required a new membrane system. At the same time the existing plant room structure was to be extended.

The constraints: All works had to be undertaken before the removal of a tower crane working on the new building addition next door. Use of the crane time was critical. Temporary membrane work had to be undertaken as various structural steel elements were erected. Existing roof plant and equipment had to be moved and reinstated.

The solution: Careful project planning and co-ordination and the use of specialist subcontractors for steelwork, roofing, fire protection and air conditioning works.

The methodology: The Preservation Technologies team covered the existing PVC membrane in a fleece-backed membrane, mechanically fixed to the timber roof structure. They applied a mineral finish

membrane. Then they laid the new membrane up to the new structure, finishing off once this was erected by the steelwork contractor. Crane time was programmed on a weekly basis to minimise disruption to the program. The team installed an internal lining to the structure and specialist contractors installed the fire and mechanical services prior to practical completion.

The results: Project successfully delivered within program and a quality outcome for the client.

Project manager: Doug Woods, St Hilliers

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Completed: December 2005

Instruct action online

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Dear Sir or Madam

Reference for Preservation Technologies Pty Ltd

St Hilliers in their capacity as main contractor for a new building development for the NSW Teachers Federation were also contracted to upgrade the Western Façade of the adjoining Teachers Federation's head office, which is a heritage building. In addition St Hilliers were contracted to install a new waterproof membrane system to the roof of this building as well as construct a new extension to the existing plant room, including the provision of services.

Following extensive technical and commercial negotiation with the client's project manager, architect and Preservation Technologies, St Hilliers awarded a contract to Preservation Technologies to undertake all of the above works as a specialist subcontract package.

The project was run on a very professional basis, with strict adherence to site safety, delivery of quality workmanship especially with regard to the restoration of brickwork on the heritage façade.

Of particular relevance to St Hilliers was the technical support and practical delivery solutions provided by Preservation Technologies to enable us to satisfy our client's requirements, as well as their overall project management and supervisory capability.

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

Yours faithfully

ST HILLIERS CONTRACTING PTY LIMITED

Doug Woods

Project Manager

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