

CASE STUDY

RESTORING THE OCTAGON

An iconic Sydney landmark that was in need of a little attention.



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Tremco supplied to SMB:

- Spectrem Restoration Overlay – 1,250 lineal metres, supplied as 286 pre-cut lengths to ease installation.
- Spectrem Simple Seal – 39 rolls of 30.5 metres each, totalling 1,189 lineal metres.
- Spectrem 1 – 540 sausages of 600ml each, totalling 324 litres of sealant.

- 01 One of the two light filled atriums that make up The Octagon.
 02 Application of Spectrem Restoration Overlay.
 03 Interior view of the atrium restoration.
 04 The completed atriums.

Completed in 1990 and refurbished in 2012, the Octagon in Parramatta is a six-level, 20,000 square metre, A-grade commercial building. It comprises of two central cores connecting to modular office spaces across internal bridges within light filled atriums. The interconnecting modular offices vary in size with over 2,000 square metres of ground floor retail space enveloping the central communal courtyard.

With over 800 individual panels in each of each of the two atriums, this is a truly amazing structure. Over time, through regular wear and tear, the two major skylights over the atriums had started leaking.

Various attempts to repair the problem had been made but were unsuccessful. Most solutions required the removal of the panels which was not only expensive, but also potentially required shutting down the atrium whilst the glass was removed - not ideal when up

to 500 people work in each atrium at any one time.

Novion Engineering contacted Tremco to discuss the best solution for the job. Rather than pulling out each of the panels and adding new gaskets and sealant, Tremco came up with a double sealing solution by combining Spectrem Simple Seal with Spectrem Restoration Overlays.

This solution is cost-effective, non-intrusive, does not require any panels to be removed or replaced, does not require a scissor lift, and can be completed by accessing the externals of the building only. As there is no need for any of the equipment associated with glass removal and installation, the solution is a two person job saving on labour and time.

Tremco worked with SMB Solutions on installation and training to ensure the building was maintained at the highest standard as demanded by the owner.

LOCATION	The Octagon, Parramatta, New South Wales
PROJECT TYPE	Commercial Glazed Roofing Restoration
PROJECT SIZE	Two Atriums with 800 IGUs per Atrium
PRODUCTS	Spectrem Simple Seal Spectrem Restoration Overlays Spectrem 1



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