

PROJECT PROFILE: Octagon Building Parramatta

About the Project

An iconic Sydney landmark, in need of a little attention.

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 two central cores connecting to modular office space across internal bridges within light filled atriums. The interconnecting modular offices vary in size with over 2,000 square metres of ground floor commercial retail space enveloping the central communal courtyard.



Project Complete	July 2020
Project Type	Roofing/Glazing Restoration
Project Size	800 IGU Atrium
Products Used	Spectrem Simple Seal, Spectrem Restoration Overlays, Spectrem 1



1250 lineal metres, of custom molded Spectrem Restoration Overlay supplied as 286 pre-cut lengths to ease installation.



1189 lineal metres of Spectrem Simple Seal supplied in 39 rolls.



Over 800 IGU (Integrated Glass Units) individually sealed without removing.



540 sausages of Spectrem 1 supplied.



1250 lineal metres, or custom Spectrem Rstoration Overlay supplied as 286 pre-cut lengths to ease

installation



1189 lineal metres of Spectrem Simple Seal supplied

Challenge

With over 800 individual panels in each of each of the two atriums, this is a truly amazing structure. Over time and 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. The challenge imposed by providing a remedial solution to a six storey glass atrium is most solutions require the removal of the panels which is not only expensive but also means potentially shutting down the atrium whilst the glass is remove which is not ideal when you can have up to 500 people working in each atrium at any one time.

Tremco Solution

Having had an existing relationship with Novion Engineering, Novion 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 non-intrusive, doesn't 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. The second big benefit of this form of solution is cost. There is no need for any of the equipment associated with glass removal, installation can be 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 from the owner.

Tremco supplied to SMB:

- Spectrem Restoration Overlay – 1250 lineal metres, supplied as 286 pre-cut lengths to ease installation.
- Spectrem Simple Seal – 39 rolls @ 30.5 metres each totalling 1189 lineal metres.
- Spectrem 1 – 540 sausages @ 600ml each totalling 324 litres of sealant.

Tremco Construction Products Group (CPG) represents the combined power of brands including Willseal, and Tremco, along with Tremco CPG affiliates Flowcrete, illbruck, Nullifire, and Euclid Chemical.

