

Pan Pacific Perth - 9th Floor Podium Deck

Seamless Waterproofing System
Water Pooling Rectification



Project Brief: Substantial rainwater ponding had been experienced over a number of years on the 9th Floor Podium Deck of the Pan Pacific Hotel in Perth CBD. This resulted in water seepage into the building proper and potential issues with carbonation and salt penetration. There was also evidence of concrete cracks and some slab deflection. Antiskid Industries were engaged to provide the solution which was a highly technical and complex project and required input and liaison from product manufacturers, consulting engineers and Antiskid's expert staff.

Solution: The first step was removal of the existing membrane system and the white quartz stone topping from the 9th floor whilst the Hotel remained in full operation. Repairs were then performed to all surface cracks, expansion joints and failed penetrations using injectable epoxy resin systems. The next step was rectification of the deflection as well as the ponding by infilling existing low levels of the surface to create correct falls to drains. Antiskid

staff expertly created a backbone arrangement which was then infilled with Sika Level 30 product ready for the seamless waterproofing. The final action was the application of Sikalastic Seamless Waterproofing System incorporating Sika fleece fabric.

By working closely with all stakeholders and outside technical staff Antiskid delivered an outstanding solution covered by a 15 year Manufacturers Warranty.

Project Details

Date: November 2017 – September 2018

Location: 207 Adelaide Terrace, Perth

Project Management: Antiskid Industries

Engineers: Airey Taylor Consulting

Product Supplier: Sika Australia

Contractor: Antiskid Industries

Antiskid at Work