

ELEVATION APARTMENTS

Perth WA, Australia



SYSTEM **ARDEX**
PREMIUM PERFORMANCE

Architect:

Hassell

Builder:

BGC Construction

Contractors:

Direct tiles Mandurah, All waterproofing solutions



The Elevation Apartments are a prestigious development right in the heart of Perth's Central Business District.

Reaching over 100 metres into the Perth skyline, the Elevation Apartments consist of 138 luxury apartments spanning over 29 levels that offer stunning views from every direction.

North facing apartments offer district and city views whilst South and South West facing apartments overlook the Swan River, Kings Park, South Perth to Applecross with glimpses of the Indian Ocean.

The main challenge faced by the building contractor was that all the balconies were falling towards the apartments instead of away.

To resolve this, Ardex was asked to provide a system recommendation that would correct the falls and waterproof the balconies before the tiling commenced.

Ardex **K 005** was selected as a screed to create the required falls. **K 005** was an important component as it enabled tiling to commence a lot sooner than conventional sand cement screeds.

Following the **K 005** screed, **WPM 002** was used as the waterproofing membrane, then **Abaflex** adhesive and **FG8** grout.

Internally all the wet area's were installed with **WPM 002** waterproofing membrane, **X 10** and **Abaflex** adhesive.

Two layers of WPM 180 shelterbit torch applied membrane was used on the entire rooftop, pool deck, plant rooms and podium levels prior to being ballasted by a brick paving system.

The Elevation Apartments were completed in July 2010 and are destined to become an icon of the Perth City Skyline.

PROJECT REFERENCE - SYSTEM ARDEX

