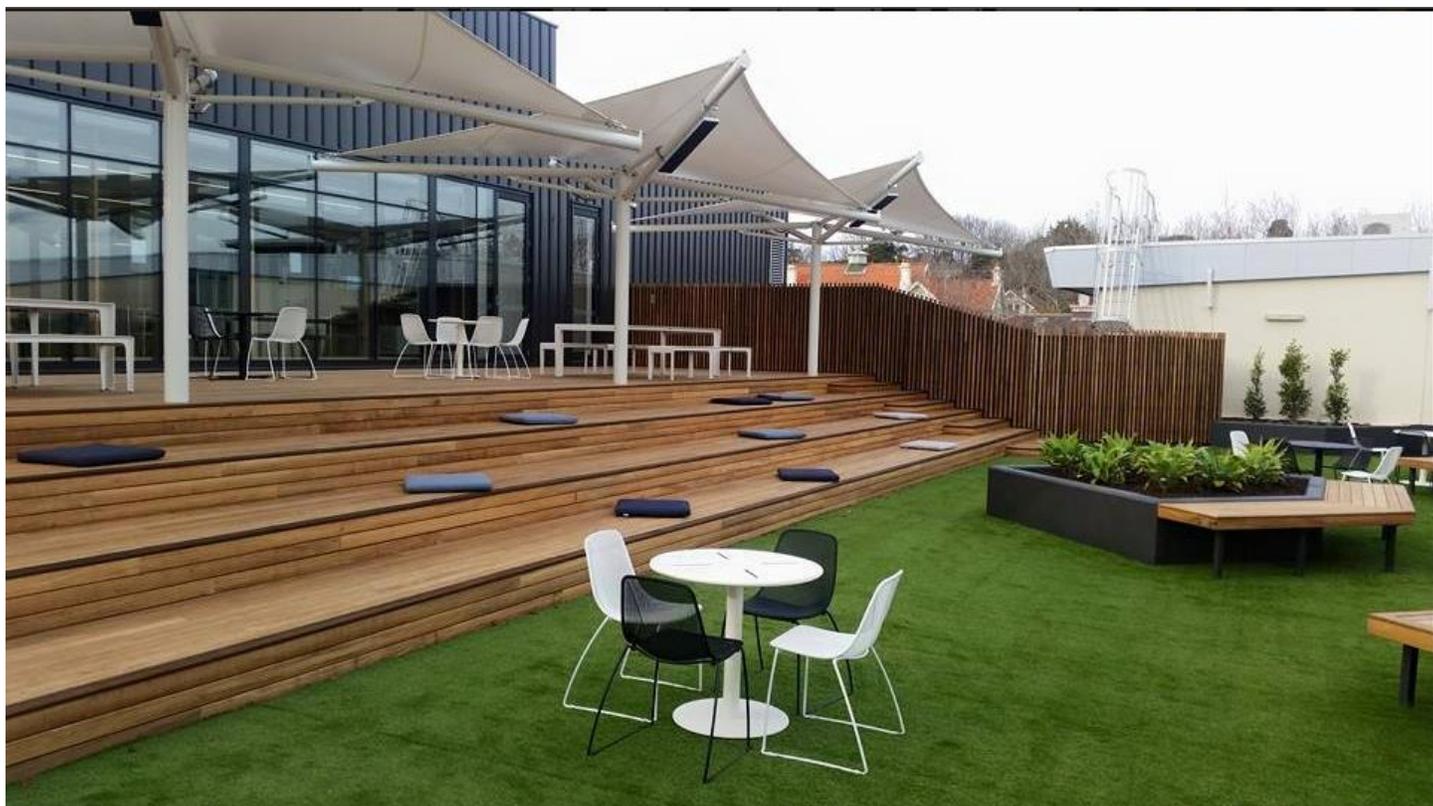


# Melbourne Balcony & Rooftop Decking Waterproofing



## CASE STUDY

this is an educational facility with rooftop existing membrane failed miserably – SEVERE WATER LEAKS.

Waterproof membrane designed to have large timber decking over the it.

The balcony was also designed for engineering elements, i.e penetrations large umbrellas etc.



These balcony penetrations needed to be waterproofed and made completely sealed.

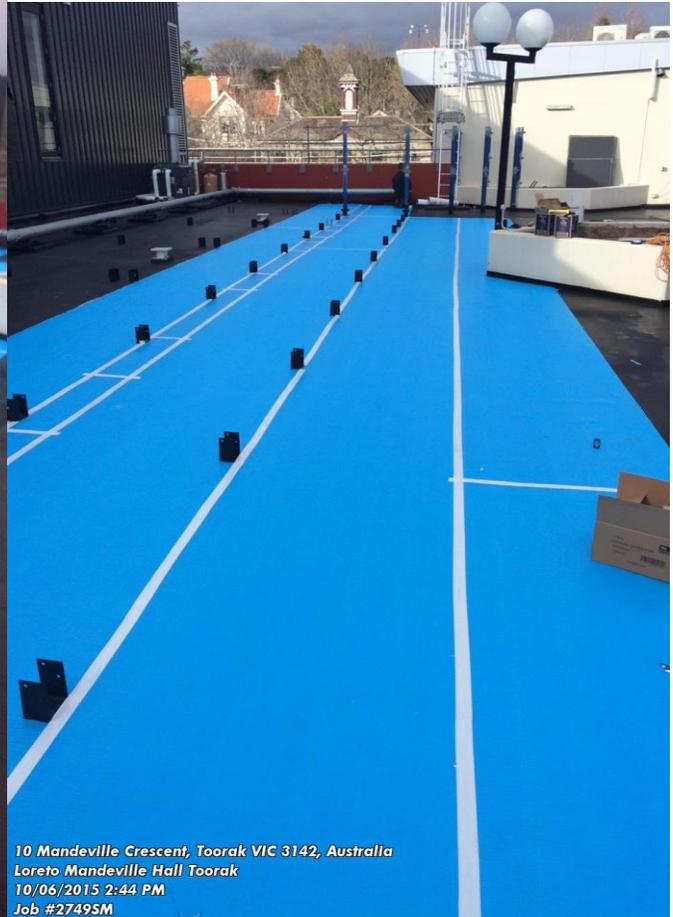
Very often penetrations through a waterproof membrane can have catastrophic results if not made permanently & long term.

Half the area was instant turf and the other half timber decking.

The [Findlay-Evans Team](#) worked with the construction company to provide all these areas as water tight.

The Team stripped back the existing surface and then cleaned it thoroughly by power washing.

Once it was clean and all the grime and rubbish removed, we then went about detailing everything, methodically detailing each new “stirrup” which is used for holding the supporting structure of the decking.



Also, there were several problem areas which had been causing water leaks for 10 -15 years.

This section of the roofing would leak in high winds - blowback caused water to be forced underneath the flashing causing leaks in the adjacent corridor underneath.

These areas were isolated, detailed them by hand, preparation meticulously so they had a nice clean line to work to.

Liquid Rubber Membrane were spray applied, followed by a top coat.

Once we had the liquid rubber sprayed down over the entire area, [Arma-Blue](#) – a premium protection sheet – was installed over the waterproof membrane.

ARMA-BLUE is a soft-backed protection sheet with a sticky back on it to peel and stick job. This is installed over and to protect the membrane, so you can build over the top of it in angles.

Instant turf/ synthetic grass was then installed.

Arma-Blue protects the membrane from uplifting and pulling from the synthetic grass which is too often actually bonded down to membranes.

Then the grass shrinks or moves or gets shifted by some pop plant or whatever and starts to tear away at the membrane. Very big problem in the industry so we've come up with this armor blue which works extremely well. It's semi-adhering so it doesn't stick a hundred percent. So if you need to pull it up for any reason and get to it; maybe put in a new penetration, you can do that.

Prepare, detail, and then put the armor blue back down and it will actually stick again.

This Case Study involved a timber decking built over a liquid applied membrane that was penetrated with balustrades & upturns.

Instant Tur was then installed.

