

# Loreto Mandeville Hall Toorak Vic 3142

## Waterproof Membrane, Instant Turf & Timber Decking

### Project Details

This is a case study by Paul Evans involving an educational facility in Melbourne, where the existing rooftop membrane failed and needed integration with a new membrane for building a large decking. The project was complex, requiring the incorporation of engineering elements and correct waterproofing techniques.

Location:

Toorak VIC 3142

Problem:

The existing rooftop membrane failed, requiring remediation.

Solution:

Integration with a new membrane and building a large decking.

Process:

Stripping and cleaning the area, detailing each new stirrup used for supporting the decking, and isolating problem areas.

Materials Used:

Sealing and protecting the membrane using liquid rubber spray, a topcoat, a soft back protection sheet with stick back, and synthetic grass.

Special Product:

Introduction of "disarmament blue," a semi-adhering substance that can be peeled off and re-stuck if needed.

## Case Study:

Application of liquid rubber spray over the entire area, building a deck on top, and adding synthetic grass later.

## Outcome:

A visually stunning and watertight rooftop balcony.

This study provides a comprehensive overview of a complex waterproofing project, showcasing the expertise and innovative solutions used to achieve a successful result. It serves as an informative guide for those interested in understanding the intricacies of waterproofing a concrete rooftop terrace.

Watch [Youtube video](#) about this project.

