

# COMPLETE ROOF REPAIR

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APARTMENT  
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## THE ROOF LEAKS

The aim of this project was to provide a solution to the flat roof of an apartment block that had an extensive history of leaks which had been rectified with temporary, short-term solutions. The building is approx. 25 years old and had a roof garden installed when it was constructed. This garden had fallen into disrepair over time, the planters had become overgrown and the roots penetrated the felt in numerous places causing water ingress in private apartments and common areas.



## THE WORK STEP 1 - CLEARING

The decision was made to repair the roof felt with more modern system. Before work could commence on repairing the roof, all aspects of the roof garden had to be removed. This meant cutting down all of the overgrown trees and removing all of the planters and the soil. The paving stones and insulation boards were stored on site allowing us to remove and dispose of the damaged felt.



## THE WORK

### STEP 2 - PREPARING

With a clear roof, our team was able to begin the process of installing the new roof system - Lava 20 - a single component, polyurethane, liquid, waterproof membrane.





## THE WORK

### STEP 3 - LAVA 20

Lava 20 was applied onto the roof. This is a single component polyurethane waterproofing system with a manufacturer 25 year guarantee



## THE WORK

### STEP 4 - REINSTATE INSULATION & PAVERS

The insulation and paving stones were reinstated with the addition of some decorative stone.

