

Case History NCP 159

Industry Sector
Apartments



PROJECT NAME

**Apartment Block
Kohimaramara, Tamaki Drive
Auckland**

PROJECT REQUIREMENT

Situated on the water's edge on Auckland's Tamaki Drive, these modern apartments are situated within a few meters of the sea..

The requirement for tanking, below grade waterproofing, was for a system that would be fully watertight in all conditions.

Huge excavations took place to make room for a multi space car park basement with apartment living above.

Such design required a membrane system to waterproof the basement structure and be able to withstand hydrostatic pressure build up.

NUPLEX Solution

Grace Preprufe 160 membrane was recommended.

A fully adhered membrane system specifically designed for waterproofing below grade structures or basements.

Preprufe 160 is a tough puncture resistant membrane used around the footings and foundations. Preprufe 160 fully bonds to concrete poured against it.

Preprufe 160 it provides a fully "tanked" basement which is impervious to moisture and protected against water damage.

Product: Preprufe 160

Size: 1000 m²

Contractor: Auck Waterproofing Services Ltd

Specifier: Brian Cullen

Builder: Dominion Construction Ltd

Completed: July 2009

The image above shows the Preprufe 160 being applied to the timber lagging prior to the reinforcing being placed and the concrete poured. Preprufe 160 will also be laid over the compacted subbase.

For further information on our range of solutions

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