

Case History NCP 158

Industry Sector

Retirement – Rest Home



PROJECT NAME

**Selwyn Village
Point Chevalier
Auckland**

PROJECT REQUIREMENT

Situated on the water's edge of the Point Chevalier Peninsula, Selwyn Village is a fully maintained and serviced retirement home for the elderly.

With the demand for more rooms and an aging demographic, Selwyn Village has extended by the addition of an entire apartment block.

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 and Bituthene 3000 membranes were 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.

Bituthene 3000, a highly flexible self-adhesive membrane used for waterproofing vertical retaining walls. When used in conjunction with Preprufe 160 it provides a fully "tanked" basement which is impervious to moisture and protected against water damage.

Product: Preprufe 160 & Bituthene 3000

Size: 2,000m²

Contractor: Auck Waterproofing Serv Ltd

Specifier: Archimedia Ltd

Builder: Argon Construction Ltd

Completed: September 2008

For further information on our range of solutions

www.nuplexconstruction.co.nz

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