

Case History NCP 157

Industry Sector

Hotel – Accommodation



PROJECT NAME

**Stamford Plaza Hotel
Auckland City**

PROJECT REQUIREMENT

Stamford Plaza Hotel, one of Auckland's premier accommodation hotels situated in the heart of the City of Sails.

A further 11 floors were added to the existing structure making it one of the taller hi-rise accommodation hotels in Auckland.

The additional structure included a new roof.

The flat roof which was constructed of Plywood required a membrane system to withstand the extreme weather conditions of NZ and cope with the stresses of movement within the roof structure.

NUPLEX Solution

Nuplex Soprasun 4AR was recommended. A double layer, reinforced bituminous torch applied membrane system.

Comprising of a 3mm base sheet and a 4mm aggregated cap sheet, the total thickness of 7mm ensures durability and water tightness security.

Applied with a hot flame gas torch, the underside of the membrane is melted to the surface and is permanently adhered to the plywood substrate/roof.

Bituminous membranes are unique and known for their waterproofing and elastic characteristics.

Product: Soprasun 4AR®

Size: 3,000m²

Contractor: Sansom Contract Services Ltd

Specifier: Peddle Thorp Architects

Builder: Fletcher Construction Ltd

Completed: August 2008

For further information on our range of solutions

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