



CUBA ST PRECINCT

100 CUBA STREET

RL System: Ultratherm Xtreme (FiberTite)
Project Size: 7,000m²
Location: Wellington
Project Date: 2020

Architect: Athfield Architects
Contractor: LT McGuinness
Installer: SWP Commercial

PROJECT DESCRIPTION

The Cuba Street office and retail component of the Cuba Street Precinct spans three iconic neighbouring buildings all of which have been strengthened to greater than 100% NBS and refurbished, and are now known as 100 Cuba Street. The upgrade retained and incorporated an existing heritage façade with a striking new structure. The Cuba Precinct is integral to the Cuba Quarter renaissance.

Requiring the roof to act as a structural diaphragm the roof structure was constructed from 21mm plywood. The blending of a heritage and completely new structure created some unique challenges in terms of roof design and detailing. And because of the buildings location the wind pressures for the roof peaked at around 7.0kPa requiring specific direction from RoofLogic's structural engineer.

SPECIFIED ROOFLOGIC SYSTEM

RoofLogic's Ultratherm Xtreme (FiberTite) system:-

- RL Vapour Control Layer (installed over plywood substrate.)
- RL PIR Board (80mm.)
- RL Roof Board.
- FiberTite membrane.
- RL Walkway

