



COMFORTABLE ALFRESCO DINING FOR AUCKLAND'S FAVOURITE SEAFOOD EXPERIENCE

TITLE	Auckland Fish Market
DESCRIPTION	Courtyard cover
LOCATION	Auckland, New Zealand
COMPLETED IN	2011
FABRIC AREA	340m ²
FABRIC TYPE	ETFE – Single layer
ARCHITECT/CLIENT	Structurflex / Auckland Fish Market

AUCKLAND FISH MARKET AUCKLAND, NEW ZEALAND

The challenge – overcome difficult ground conditions to deliver courtyard in time for the RWC

The Auckland Fish Market is a seven-day fresh food market selling fish, fruit, veges, delicatessen goods and premium-grade meat. The market includes a number of eateries, which share an alfresco dining area. To maximise the profit potential of the 2011 Rugby World Cup, the market recognised that it needed to weatherproof the outdoor dining area.

Structurflex quickly identified that the site had less-than-optimum ground conditions. Time pressure was the other major challenge; the courtyard cover had to be installed before RWC visitors started arriving in Auckland.

Our solution – borrow support from adjacent structures and keep solution lightweight

The Structurflex engineering team surveyed the site and deduced that the difficult ground conditions could be overcome by borrowing structural support from adjacent structures. We presented our concepts for the courtyard cover as a 3D animation, which allowed the client to gain a clear picture of how it would look and perform.

Preparing for installation included adding extra weight to the foundation pedestals to achieve a larger bearing surface and negate any uplift caused by wind pressure. The lightweight, single-skin, cable-supported ETFE foil has proven to be the ideal cover for a previously inclement courtyard.

