

WHITE BAY CRUISE TERMINAL

PROJECT NAME: White Bay Cruise Terminal
MATERIALS: ARAMAX FreeSpan
ARCHITECT: Johnson Pilton Walker
BUILDER: AW Edwards



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PROJECT SPECIFICS

8096m² of 1.2mm Aluminium roof sheeting

| 3975m² of 1.2mm Aluminium perforated ceiling sheeting

| 52.4 metre sheet lengths rolled on site

THE PROJECT

Designed and built amongst an original 1960's gantry structure, the multi-award winning White Bay Cruise Terminal is located in Sydney's Balmain district as a key international and domestic gateway to New South Wales.

Completed in early 2013, the \$57 million world-class facility was built to assist Sydney in accommodating an expected surge in the Australian cruising market to almost one million passengers by the year 2020.

Fielders were contracted by architects Johnson Pilton Walker and builder AW Edwards to provide the unique V-shaped ARAMAX FreeSpan roofing material for the spectacular undulating roof of the structure, which would also double as the internal ceiling within the terminal building.

Since completion, the building has won an array of coveted awards including 'Transport Winner' at the 2013 World Architecture Festival in Singapore, and winner of the Harry Seidler Award for Commercial Architecture at the 2014 Australian Architecture Awards.

THE SOLUTION

Fielders ARAMAX FreeSpan was selected due to the material's ability to provide the complex wave shape along with a unique, expressive V-shaped aesthetic. The profile's capability to deliver an integrated roofing and ceiling solution along with long spanning capabilities made it the perfect product to fit the project brief.

Aluminium was selected as the roofing material due to White Bay's close vicinity to the ocean, providing a corrosion resistant solution that would stand up to the elements for years to come.

THE PROCESS

The White Bay Cruise Terminal was constructed throughout 2012 and completed in 2013. The ARAMAX FreeSpan roofing material was rolled on site at White Bay using the Fielders Mobile Mill®, a cost-effective and efficient way of supplying the material in a fast timeframe.



Fielders ARAMAX FreeSpan

Fielders ARAMAX FreeSpan structural cladding system is a unique V-shaped roofing profile that is bigger, bolder and deeper than conventional steel cladding profiles available on the market. The product is manufactured in standard 800mm cover width, with 700mm to 900mm cover widths available upon request.

ARAMAX FreeSpan is produced on a mobile roll-former and has the unique ability to be rolled onsite anywhere in the world, reducing construction time and improving project efficiencies. Project applications include commercial buildings, residential houses, shade structures and commercial shelters.



CASE
STUDY