

ONSLOW AIRPORT TERMINAL BUILDING



PROFILE:
ENGINEER:
BUILDER:

ARAMAX FreeSpan
Ertech
Woollam Constructions



ONSHOW AIRPORT TERMINAL BUILDING

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ENGINEER: Ertech
BUILDER: Woollam Constructions



PROJECT SPECIFICS

1991m² of ARAMAX FreeSpan roofing and walling | Longest sheet 31.21 metres | 1.2mm G500 double-sided COLORBOND® Dune

THE PROJECT

Opened in May 2015, the brand new Onslow Airport Terminal in Onslow, Western Australia, is a critical component to the Wheatstone gas project in the Pilbara region. The multi-million dollar terminal building was designed to effectively handle the heavy influx of workers to the booming resource hub in the state's North West as flights to the region increase.

Fielders was contracted by Woollam Constructions to provide the unique V-shaped ARAMAX FreeSpan 800 roofing material for the facility, designed to cover the entire terminal building whilst also doubling as the internal ceiling of the structure. In addition, the profile extends down the side of the building to form part of the external walls as a unique architectural design feature.

THE SOLUTION

Fielders ARAMAX FreeSpan was selected due to the material's expressive V-shaped aesthetic which not only acted as the main roofing material, but also provided a bold design feature to the terminal. The profile had the ability to be rolled and installed in a unique splay design.

The profile's capability to deliver an integrated roofing, ceiling and horizontal walling solution, along with long spanning capabilities, made it the preferred product for the complex.

THE PROCESS

The Onslow Airport Terminal was constructed throughout 2014 and opened for service in May 2015. The ARAMAX FreeSpan roofing sheets were rolled on-site using the Fielders Mobile Mill and lifted onto the structure using a specialised spreader bar.



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