

CASE
STUDY

NETBALL CENTRAL SYDNEY

PRODUCT:
ARCHITECT:
BUILDER:
ROOFING CONTRACTOR:

ARAMAX FreeSpan
Scott Carver Architects
ProBuild
Sahara Roofing



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PROJECT SPECIFICS

6,500m² of 1mm Zinalume ARAMAX FreeSpan roofing | 5,500m² of 1.2mm perforated plain aluminium ARAMAX FreeSpan ceiling | 141.5 metre sheet lengths rolled onsite

THE PROJECT

Completed in early 2015, Netball Central Sydney is the latest addition to Sydney Olympic Park's portfolio of 47 world-class sporting and recreational facilities. The \$27 million world-class facility represents the largest infrastructure investment in women's sport in Australia and will be home to various world class matches.

Fielders was contracted to provide the unique V-shaped ARAMAX FreeSpan 800 roofing material for the facility, which would be designed to double as the internal ceiling of the netball courts and surrounding gymnasium areas.

The brand new building contains six new state-of-the-art sprung floor courts, plus gymnasium and sports science facilities, and will be the headquarters for Netball NSW. Fielders worked with ProBuild, Sahara Roofing, ARUP and Scott Carver Architects to bring the new facility to life.

THE SOLUTION

Fielders ARAMAX FreeSpan was selected due to the material's expressive V-shaped aesthetic which worked well with the main structure element of Laminated Veneer Lumber (LVL). The profile's capability to deliver an integrated roofing and ceiling solution, along with long spanning capabilities of over 140 metres, made it the preferred product for the facility.

THE PROCESS

Netball Central Sydney was constructed throughout 2014 and completed in early 2015. The ARAMAX FreeSpan roofing sheets were rolled on-site at Sydney Olympic Park using the Fielders Mobile Mill® and were lifted onto the top of the building by Fielders' two 60 metre spreader bars which worked together simultaneously.



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.



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