



## PROJECT SPECIFICATIONS

### PRODUCTS:

Ecoply® Structural Plywood

### PROJECT CREDITS:

Architect: Hassell  
Construction: Lendlease  
Roofing: Havendeen

### PROJECT:

Gold Coast Airport Terminal



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[www.ecoply.com.au](http://www.ecoply.com.au)

Disclaimer: While the products in this document possess the characteristics described, no representation is made that the products will be effective in all locations and circumstances. Much depends upon building design, construction practices and the environment in which the products are used. Products must be installed in accordance with Carter Holt Harvey recommendations, industry accepted guidelines and good building practice.



### Gold Coast Airport terminal topped with an abundance of plywood

When you are talking about an airport – everything is in big numbers. And the Gold Coast Airport terminal expansion is no exception.

The landmark project will double the footprint of the existing terminal when it opens later this year, adding 30,000 square metres. It will include a new departure lounge, aerobridges, additional retail space and baggage handling and border control facilities. The project is seen as critical to growing local tourism on the Gold Coast and northern NSW regions.

workers then had free reign to work under it while insulation and roofing sheets were installed on top.”

This reduced the need for scissor lifts and exclusion zones. And it’s becoming a more common practice. Havendeen Roofing have used the same method in four other Tier 1 projects recently.

Structural Ecoply plywood provides durability, strength and design flexibility and is certified by the Engineered Wood Products Association



Top: Aerial photograph at Gold Coast Airport showing the terminal footprint. Photo courtesy Queensland Airports Limited. Inset: Ecoply structural plywood provides acoustic performance at Gold Coast Airport.

Construction of the new three-level terminal, designed by Hassell and constructed by Lendlease, presented its own fair share of challenges including scale, noise minimisation and a global pandemic.

Jaime Genn, Contracts Manager of Havendeen Roofing explained how a double layer of Ecoply plywood was used for acoustics under the roofing and how it also helped speed up construction, by reducing exclusion zones before the roof was installed.

“The double layer of 25mm and 21mm Ecoply plywood was installed over the entire roof to meet the acoustic rating. Some 14,000 square metres of it. The added benefit was that

of Australasia (EWPAA) as compliant with AS/NZS 2269 and meets Fire Hazard properties AS1530.3.

Building during a global pandemic added to the logistical challenges of this project. Like many construction materials, plywood was in short supply. Fortunately, locally-made Ecoply is manufactured in Myrtleford, Victoria and could be brought directly to site in a massive, 13 semi-trailer loads.

Now travel is coming back and the cooler weather is approaching, it’s clear that the Gold Coast Airport team will need every square metre of the new space to accommodate keen travellers again.