

Case Study

ATCO Structures and Logistics, Australia



Powder Coated Plasterboard a Success for Australian Accommodation Camp.

Climate's innovative powder coated plasterboard saved Australia's leading producer of modular building time and money in a large scale workforce accommodation project.

- Construction of 500 prefab transportable buildings, each comprising four rooms and en-suites
- ClimateLine Standard and Aqua used for lining walls and ceilings
- 145,000m² of ClimateLine supplied as cut to size panels
- Delivered significant program efficiencies and reduced waste

March 2016 marked the completion of a landmark eight month project for powder coating specialists Climate Coatings, supplying 145,000m² of ClimateLine powder coated plasterboard sheets to ATCO Structures and Logistics, one of Australia's largest producers of modular buildings.

The project, a workforce accommodation

camp for a large natural gas project in Western Australia comprises 500 pre-fabricated accommodation buildings to house 2000 workers, plus support service buildings such as dining rooms and ablution blocks.

For ATCO, it was the first time using powder coated plasterboard. General Manager Brad Tucker says that while this presented an element of risk (especially on a project of this scale) he was motivated by the significant advantages and value the product offered both ATCO and their client. A visit to Climate's factory in Auckland gave Brad the assurance he needed.

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ClimateLine Standard was used for walls/ceilings in the bedroom area



ClimateLine Aqua was used in the ensuites to provide greater moisture resistance properties



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Programme Efficiencies

A key driver for using ClimateLine was the speed of production it allowed says Brad. “Project time frames were tight, using the pre-finished product meant we didn’t need wet trades on the factory floor which allowed us to easily achieve an ambitious programme of four times (15m x 4.2m) buildings a day.”

Climate delivered the ClimateLine sheets to ATCO’s plant in Perth; in house lots of cut-to-size panels ready to simply slot into place. Completed units were then transported more than 1500kms to the project site.

Cost Savings

Board waste was less than 1% compared to the industry standard

of 15%, which provided a significant cost saving. “The price of the material (board for board) is slightly higher than standard plasterboard,” explains Brad. “By the time we added up the cost savings on labour, wastage and clean up we actualised a cost saving.”

Superior Finish and Performance

Created by the application of Climate Décor Shield powder coating, thermally fused to a plasterboard substrate, ClimateLine’s finish is consistent, VOC free and durable. ATCO was extremely pleased to deliver such a high-performing product to the client.

“From a supplier standpoint Climate was one of the success stories of the project,” Brad says. “We are very happy to continue working with Climate and using ClimateLine.”



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- Brad Tucker, on the speed of production using ClimateLine.

ClimateLine can be used in dry, wet and hygienic areas in both commercial and domestic projects. A range of joiners are available to suit all design specifications. The durable lining material can be found in many projects around New Zealand and Australia including medical buildings, restaurants, early childhood learning centres, transportable buildings, offices, hotels and retail premises.

For technical and product literature visit www.climatesurfaces.com