

KINGSPAN INSULATION



Location | 25 O'HERNS ROAD, SOMERTON VIC

The new facility in Somerton produces rigid 'Kooltherm' phenolic board insulation, featuring Kingspan's own advanced Kooltherm manufacturing technology. Kooltherm is used in a huge array of applications, such as residential, commercial and industrial buildings as an alternative to conventional bulk fibre insulation products and temperature sensitive polystyrene insulation boards.

The Kingspan facility showcases 5 Star Green Star efficiencies including high-performance insulation throughout, energy- saving smart lighting, a 800 kW solar renewable energy system and an innovative rain water capture system. These innovations allow Kingspan to set a new bench mark of Australian engineering due to the high level of renewable energy utilized and environmentally sustainable systems.

Kingspan has a 2020 global target of net zero emissions for all its manufacturing facilities, and the new Somerton facility will contribute directly to this goal.

Kingspan's commitment to sustainability and the environment provided the basis for the construction plan and design, thus setting a benchmark in Australian engineering. It is uncommon for companies to set sustainability and the environment as a priority whilst constructing and designing a project. It is even more uncommon for manufacturing companies to do so. Given the nature of manufacturing, companies often dismiss environmental and sustainability concerns as unachievable or too heavy a burden. However, Kingspan was undeterred and targeted the following initiatives to succeed in their goal of setting a benchmark in environmental practices in Water efficiency, Energy efficiency, Management system and monitoring, Life cycle and materials.

Redefining Construction

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PROJECT SUMMARY

Total Site:	31,000m ²
Office First Floor:	570m ²
Warehouse Area:	6,588m ²
Manufacturing Area:	6,653m ²
Canopy Area:	398m ²

