



**FOAMULAR®**  
Energy-Saving, Moisture-Resistant XPS Insulation

## Foamular Extruded Polystyrene Used to Waterproof The New Port Botany Authority Headquarters.

The new Port Botany Authority headquarters is nearing completion and will soon open its doors. Port Botany is going through a \$1 billion upgrade, the biggest Australian port upgrade in 30 years. To deal with the increased workload the Port Botany Authority needed a state of the art headquarter to manage the expanding port.

GRG Waterproofing has used Foamular many times before in protected roof membrane assemblies. The Foamular was laid down on top of the roofing membrane, and then a slip sheet was placed over the Foamular. Ballast was then placed on top to weigh down the Foamular and to provide a low maintenance roof.

In order to become a green star rated building, the Port Botany Authority needed to comply with some very strict guidelines. The engineers specified 90mm thick Foamular with an R-value of 3.2, dramatically reducing heat transfer from the roof into the building.

insulated roof waterproofConstruction company Lucas Stuart joined forces with GRG Waterproofing to install 600m<sup>2</sup> of Foamular Extruded Polystyrene in the protected roof membrane system.

Foamular was used to insulate and waterproof the roof. Combining the process of waterproofing and insulation not only saved money, it also saved time, which was vital with a very tight construction schedule.

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 **AUSTECH**

