

Case Study

Gen Fyansford Estate

Product StormPRO® Range – 300mm to 600mm

Project Gen Fyansford Estate

Location Fyansford, Victoria

Authority Geelong City Council

Project Details

Gen Fyansford is a \$300 million housing development located at Fyansford (Victoria). Once complete, approximately 1000 homes will be situated within the development.

Project Requirement

The project required a Stormwater pipe that would meet and exceed all standards and performance requirements of council while being suitable for the rigours of use under road and behind pavement both during construction and the design life of the product.



How did StormPRO® provide a solution?

StormPRO® Polypropylene Pipe is a corrosive resistant drainage system with a long life expectancy and no maintenance required. It has easy to install RRJ's and is lightweight which has the ability to reduce construction time and labour.

The dual wall extrusion with a white interior allows for clear camera imagery as it is a requirement of Geelong City Council to CCTV all Stormwater lines prior to handover, while the corrugated exterior enables stabilised backfill, improving the exterior load rating of the pipe.

StormPRO® is an agile product which performs strongly in any housing development application – this includes under road. Polypropylene piping systems fits within the flexible pipe category and is designed to take on traffic loads, including during construction.

StormPRO® is manufactured to Vinidex Quality processes and has Australian standards product certification.

It was identified during design of this project that deep stormwater mains were required. In deep applications, trench shields must be used to protect pipe layers inside the trench. These trench shields are generally 3m in length.

Vinidex was able to reconfigure their extrusion equipment to produce a 3m length of StormPRO®, to ensure the pipe layers could operate safely within the trench. This solution provided OH&S benefits, along with reducing the risk of handling issues on site.

With Vinidex's strong distribution network and expertise in managing complex projects, a quality product, strong sales support and a smooth delivery service exceeded the clients expectations.