



Blake's Crossing - Residential Subdivion

Product	Vinidex StormPRO® Polypropylene Pipe
Size	450mm x 180m
Project	Blake's Crossing - Residential Subdivision
Location	South Australia

Project Requirements

The Playford Council in South Australia is one of the highest growth areas in SA for new developments. LendLease Engineering are driven to reduce OH&S risks on all their sites therefore choosing StormPRO® which offered major OH&S and environmental advantages over other traditional methods by;

- Reduced heavy lifting when pipe deliveries were taken as well as throughout installation, StormPRO® is safely transported around the construction site.
- StormPRO® pipes were safely and easily cut using a reciprocating saw – LendLease Engineering are wanting to stop the use of quick cut saws on site for OH&S obligations.
- Using Polypropylene allowed LendLease Engineering the opportunity to easily recycle any off cuts of pipe left onsite without the need for heavy equipment or machinery.

How did StormPRO® provide a solution?

It is well known that the use of traditional stormwater drainage pipes can be susceptible to cracking. With the durability of StormPRO® Polypropylene pipes, the risk of cracking was negated, this providing Lendlease confidence in the quality and reliability of the pipes being installed. StormPRO® also provided less risk of potential pipe defects on site and the possibility of project delays.

Using StormPRO® enabled clean CCTV footage for any pipe maintenance work due to its smooth internal wall with no inconsistencies in the internal wall material.

StormPRO® offered increased efficiencies on the project, Lendlease Engineering site foreman stated “we saw increased productivities in stormwater installation, with each pipe being laid at 6mt lengths, as opposed to traditional 2.4mt pipes. We saw major time savings when backfilling due to there being a safe distance once two StormPRO® lengths were laid.”

Lendlease Engineering have estimated the use of StormPRO® on future stages will cut down the Stormwater installation by approximately 3-5 days, this would offer an significant installation cost saving.

LendLease Engineering found that StormPRO® had proven to be a major OH&S success, reducing overall onsite risks and having major cost saving benefits.

LendLease will look to promote the use of Vinidex StormPRO® pipes and fittings for future DPTI and Sub-divisional stormwater work.