

Ridgistorm-XL delivers stormwater diversion for Gatwick Airport scheme

Polypipe Water Management Solutions has supplied a Ridgistorm-XL large diameter pipeline solution to a new airside building at Gatwick Airport's North Terminal.



**Ridgistorm-XL
with electro-
fusion jointing**



Polypipe Water Management Solutions, the UK's leading manufacturer of plastic sustainable drainage and water management solutions, selected Ridgistorm-XL specifically for its electro-fusion jointing system.

The existing storm drain needed to be relocated and the Ridgistorm-XL pipeline was installed prior to the piling work being carried out for the new building. Concerns over the pipeline integrity as a result of the piling work were negated by using Ridgistorm-XL as the patented electro-fusion jointing method guarantees 100% seal tightness within the pipeline and is the only large diameter plastic pipe system in the UK to incorporate such technology.

Polypipe Water Management Solutions designed the 750mm diameter pipeline to

stiffness class SN1 to cope with the ground conditions and additional piling work carried out on-site.

"This has been a small but challenging project for us which clearly demonstrates the benefits of the Ridgistorm-XL system. Electro-fusion jointing is relatively new technology in the UK for large diameter pipes, but contractors seemed to have embraced the choice we can offer through Ridgistorm-XL. The adaptability of the system in producing bespoke, value engineered solutions is unique and we're delighted with how the project progressed."

CASE STUDY

Project

Gatwick North Terminal
Airside Building

Application

Storm drainage
and diversion

Products

Ridgistorm-XL