

Polypipe top of the class at Dubai's Kent College

Polypipe's team of experts played a vital role in the creation of an exciting new education project.

Soakaway solution sits beneath the school grounds



Dubai residents have another first class education option for their children with the introduction of the brand-new Kent College. The ultra-modern campus, which also boasts a sister school in Canterbury (UK), will offer a British education to children aged 3-18, while being grounded with local values and customs.

As part of this ambitious project, the appointed MEP Contractor, Power Point Electrical and Mechanical Works called on Polypipe to assist with a suitable drainage solution, having successfully used the company's drainage solutions on previous projects.

Ted Jacobs Engineering, the chosen MEP Consultant, originally opted for a Push-Fit drainage system for the school. After visiting Polypipe's Technical Centre, the consultant recognised the benefits that the Terrain Solvent Weld system could offer.

Thanks to its unique joint integrity, Ted Jacobs opted for Terrain Solvent Weld to manage the school's soil and waste drainage.

Visiting Polypipe's state-of-the-art Technical Centre also presented the opportunity for Ted Jacobs' staff to appreciate the benefits of utilising Polystorm, Polypipe's

internationally recognised engineered stormwater geocellular solution.

Whilst initial site plans included the specification of a traditional concrete soakaway tank, the client opted for a Polystorm tank to provide necessary stormwater soakaway on-site.

Choosing a Polystorm geocellular solution versus the traditional alternative meant that the College would benefit from a soakaway solution to sit beneath the grounds of the campus. The 95% void fill ratio of Polystorm means that any storm event can be adequately captured within the system, with stormwater discharged in a controlled manner into the surrounding area.

The significant time and cost savings offered using the Polystorm system, combined with a local manufacturing base in the UAE ensured that materials were readily available resulting in Polypipe supplying a 157m³ tank to the Main Contractor Chicago Maintenance & Construction Co LLC for the project and provide technical support throughout the installation process.

CASE STUDY

Project

Kent College, Dubai. UAE

Client

Meydan LLC, Kent College and Mir Hashem Khoory LLC

Lead & Design Consultant

D.G. Jones & Partners

MEP Consultant

Ted Jacob Engineering Group

Main Contractor

Chicago Maintenance & Construction Co LLC

MEP Sub Contractor

Power Point Electrical and Mechanical Works

Application

Soakaway tank
Soil & waste drainage

Products

Terrain PVC Solvent Weld,
Polystorm