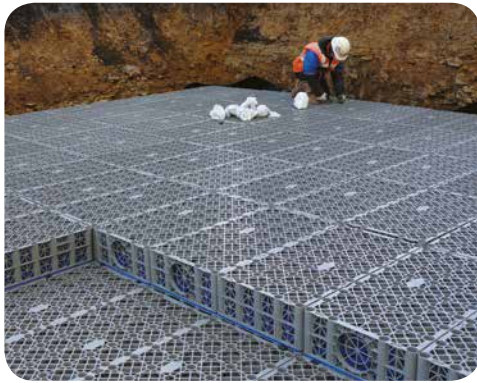


Polypipe ticks all the boxes for Sharjah shopping mall

Polypipe's soakaway solution, Polystorm Xtra, meets with approval from Sharjah Municipality and WSP Middle East for prestigious retail project.



Polystorm Xtra was the perfect soakaway solution



Trusted by consultants worldwide, Polypipe's relationship with WSP Middle East is no different. Enlisted by the consultants for its expertise in storm/surface water management solutions, Polypipe were asked to assist with the design of Juraina Mall, a \$14 million development, in Sharjah. The neighbourhood mall, a retail centre development created by Sharjah Holding, is home to 35 outlets and is situated in a key residential area. Site limitations, combined with cost concerns from the client, meant that Polypipe faced a handful of challenges. Firstly, the recommended solution had to take into account site restrictions that determined that the tank was to be installed at a shallow depth below the surface area, yet had to be able to withstand heavy loads. In addition, the costs for the set up of an internal network or a pumping station to control the water during stormwater events had to be eliminated. Polypipe expertly specified a soakaway solution using Polystorm Xtra, a 40°C tested product, to overcome these obstacles. With its ability to withstand a compressive strength of 83 tonnes/m² and having been designed with heavy

trafficked conditions in mind, this solution was the only one proposed that met with the strict structural limitations.

The robust solution that Polystorm Xtra offered, coupled with its cost effectiveness, outranked the competition and was quickly chosen as the most suitable and superior solution.

BBA certified and with a high void ratio, Polystorm Xtra provides the perfect solution for projects with stringent site limitations. With heavy involvement throughout the sales process, Polypipe's technical team were able to provide a robust and reliable solution that met with the CIRIA C680 guidelines and was approved both by WSP Middle East and the local municipality.

The Polypipe technical team were hands-on throughout this project, ensuring they were always available to provide technical support throughout the installation process, offering crucial assistance at key milestones.

CASE STUDY

Project

Juraina Mall, Sharjah

Client

Alef Group

Lead Consultant

WSP Middle East

MEP Consultant

WSP Parsons Brinkherhoff

Main Contractor

Omis Contractor

MEP Contractor

Future Metro LLC

Application

Soakaway solution

Products

Polystorm Xtra