

Polystorm provides the solution for Army regiment base

A drainage solution was needed to manage surface water run-off from the new roads, car parks and roof areas for the redevelopment of the RAF Woodbridge base.



Large scale
rainwater
disposal
solution



RAF Woodbridge was previously used as an Army Air Corps training base prior to the arrival of an engineer regiment from the Army's rapid deployable force. In order to house the new unit, a redevelopment of the site was needed, including the construction of new roads and modular buildings for accommodation and general use over an area of several acres.

Polypipe was approached to provide a solution to the issue of rainwater disposal on-site. To cope with drainage on such a large scale, Polypipe recommended the use of its Polystorm modular soakaway system, installed underneath each new building.

Over 12,000 Polystorm cells were used with a combined storage capacity in excess of 2 million litres.

In addition to its Polystorm soakaway solution, Polypipe supplied structured wall Ridgidrain pipe in 225mm and 300mm diameters to drain excess surface water away from all hard standing sites

Ridgidrain has the advantage of being light in weight yet exceptionally strong due to its structured walled construction, offering increased benefits in transportation, storage and handling.

Cable protection was also supplied by Polypipe for use in street lighting, CCTV cables and traffic signal applications. Ridgiduct Power, Ridgiduct Lighting and Ridgiduct Comms were all selected as the preferred choice by Skanska for their light, flexible, yet robust construction.

CASE STUDY

Project

Sustainable drainage solution from Polypipe installed on RAF base development along with additional cable protection products

Client

Ministry of Defence

Application

Soakaway Drainage and Cable Protection

Products

Polystorm
Ridgidrain
Ridgiduct