



CONSTRUCTION OF ORNAMENTAL LAKE SWANSCOMBE, KENT (UNITED KINGDOM)

Eastern Quarry, a former chalk quarry near Swanscombe, is being redeveloped. The project comprises several urban villages with approximately 6,250 homes, local and community facilities, open space and commercial areas. It is envisaged that the site will be developed in phases over the next 20 to 25 years. In the south part of the area, adjacent to the southern chalk cliffs, a lake will be created of almost 18 hectares. Due to its location in a water-collection area, extra protective measures had to be taken to prevent any possible contamination of the groundwater.

Project details

Principal	: Land Securities Real Estate Investments
Contractor	: Fitzpatrick Contractors Swanscombe
Quality control	: CET Safehouse Ltd. Swanscombe
Year of installation	: 2008 (phase I) 2009 (phase II)
Type of construction	: Landscaping (pond construction)
Surface covered	: 120.000 (phase I) + 55.000 m ² (phase II)
Layer thickness	: 7 cm - tolerance 2 cm
Construction	: Water (300-500 cm) Top soil (100-300 cm) Geo-textile Trisoplast (7 cm) Subgrade

