



Building together

PROJECT CASE STUDY

Glentowy
Billericay



Glentowy, Billericay



The New Home Design

The building owners of this unique project wanted privacy, having moved from a 70s built hose, they wanted a house where they felt they weren't being overlooked.

The flat roof was a typical and straight forward construction, featuring a timber structural deck, vapour control layer and insulation to meet the required thermal specifications. After this was completed, our mechanically fastened PVC single ply membrane was installed to complete the waterproofing system, all in accordance with a site-specific windload calculation.

The roof was completed with a living roof system, a finish which is becoming more and more popular. However, traditionally living roof systems are built up on site. That is to say the drainage layer, growing medium (soil) and planting all arrives separately and is installed on site layer by layer. The problem with this method is that the system needs to establish, e.g. the roots need to grow into the growing medium. This takes care and attention, especially during the establishment phase which typically lasts several months. DANOSA offered their DIY Modular Green Roof System, which arrives in trays, already established. These trays can be placed side by side (or cut to size) and provide an excellent low-maintenance, ready-to-go option.

This project was featured on the Channel 4 programme Grand Designs which aired on 12th October 2016.

KEY FACTS

Construction Type: New Build
Warm Roof
Sector: Residential
Approx. Size: 100m²
Warranty Period: 20 Years

WATERPROOFING SYSTEM

DANOSA Single Ply - 1.5mm Dark Grey

PREMIER CONTRACTOR

High-Tech Membrane Roofing Ltd
www.hightechmembraneroofing.co.uk