

TCRC Case Study: Beechgrove, Upton St Leonards



Waterproofing & Green Roof Finish for Ambitious New Build Home

On this private property new build home, TCRC installed a high quality waterproofing system, complete with an attractive, environmentally friendly green roof finish.

Set in the rolling hills of Gloucestershire, the 160m² roof featured an ambitious and contemporary design, incorporating Bauder's Total Roof System, Bauder XF301 lightweight sedum blanket and specially designed SIPS panels.

Aesthetic Roofing Installation

For the main roof waterproofing, Bauder KSA Duo Self-Adhesive Underlay was installed, followed by Bauder Plant E Root Resistant Cap Sheet. For added aesthetic appeal, Bauder K5K High Performance Cap Sheet in Charcoal Black was installed as an exposed flashing detail.

On top of the waterproofing system, Bauder lightweight XF301 sedum blanket and growing medium was specified to meet the design and weight loading of the building. This also included the installation of an electronic irrigation system.

In detailing areas, riverwash pebbles were installed around borders and Bauder's AL40 Edge Retention Trim was used to contain the perimeter of the green roof. Bespoke lead parapet outlet and sleeves were also installed to ensure efficient drainage from the roof.

TCRC's professionalism and experience helped ensure that all works were completed on time and within budget. Workmanship on this project was also executed to an exceptionally high standard and all roofing membranes were safely installed in accordance with the NFRC's Safe2Torch recommendations.

Project Name: Beechgrove

Location: Upton St. Leonards

Client: Oversee Project Management

Products: Bauder XF301 light weight sedum System with Irrigation over Bauder Total Green Roof System

