

ADNAMS CELLAR & KITCHEN STORE

Green roof features reduced edge margin for maximum green roof effect



Adnams is a company which is always eager to ensure that its impact on society is a positive one and its nearby main distribution centre features one of the largest green roofs in the UK.

The new store in Southwold (Suffolk) is a spectacular building with a shiny metal pitched roof and copper clad areas. Towards the back of the building is a flat roof area and the architect had specified a green roof.

The architect had very specific requirements which required considerable input from IKO PLC's design department, such as the reduction of the gravel margins around the green roof from 300mm to 150mm.

The installation of the green roof on the new Adnams store took four days to complete. This time included inspection time. The installation of the waterproofing took a day to install. The deck is timber (plywood). On top of this was installed Superbar FireBLOC high performance self-adhesive VCL, followed by Enertherm PIR tapered insulation. On top of the insulation was installed Superbase FireBLOC S-A, a high performance self-adhesive underlay for use with torch applied bitumen membrane cap sheets. It has a strong and stable polyester base, coated with SBS modified bitumen. The topside is finished with sand and a removable release film on the 75mm selvedge and the underside is finished with a release film across the full width, which is removed to reveal a self-adhesive coating.

Project Sector: Commercial

System: Built-up system

Products Used: Permatorch Anti-root

Contractor: T.H Moss & Sons Ltd

Started: July 2008

Completed: July 2008

Size: 169m²

Contact: Tim Wood

Permatorch Anti-Root is a high performance cap sheet consisting of a polyester base, coated with APP polymer modified bitumen. The bitumen coating contains a specially formulated anti-root treatment, which prevents the penetration of roots from a range of plants and shrubs.

Following inspection and sign off, the installation of the drainage board, retention trims and growing medium took two days. Plasfeed 5+1 drainage composite board consists of a dimpled perforated sheet of high impact polystyrene with a non-woven filter fabric bonded to each dimple. The Plasfeed 5+1 system comprises the filter layer, drainage layer, separation layer and protection layer as one integrated unit. IKO extensive growing substrate was laid to a depth of 25mm and IKO pre-grown sedum blanket was installed. Finally IKO drainage and edge retention trims were installed and 20/40 rounded washed stones laid on the surrounding margin. The plants were installed in a morning, fertilised and watered.