



Helyer Davies Architects of Emsworth (www.hdarchitects.co.uk) were appointed to design the major refurbishment of the Former Coutts & Co Bank, 188 Fleet Street. As well as internal refurbishment, the proposed works included the construction of an additional floor to the existing building, which consisted of an engineered steel and timber frame structure and a single ply membrane waterproofing system.

In partnership with one of our Premier Contractors, a project specification in the NBS J42 format was produced. The J42 format is widely recognised and made review of the proposed specification a simple process.

Once the specification had been completed, DANOSA undertook a project-specific wind uplift calculation in accordance with BS EN 1991-1-4/NA:2011, detailing the reference of mechanical fasteners required per square meter to ensure the system remained attached throughout its service life. This calculation not only considered the attachment of the membrane (which was hidden within the membrane laps, and subsequently disguised with an PVC standing seam profile), but also for the underlying insulation which had been specified using our U-Value calculation software.

PVC standing seam (ALPHA) profiles, provided a cost-effective alternative to traditional metal materials, and was backed by our comprehensive DANOSA-Assured warranty.

PROJECT INFORMATION

Construction Type: Refurbishment
Warm Roof

Sector: Retail
Approx. Size: 500m²
Warranty Period: 20 Years

WATERPROOFING SYSTEM

DANOPOL+ HS 1.5mm

PREMIER CONTRACTOR

Kingsley Roofing
www.kingsleyroofing.co.uk



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