

CASTLEBAR GOVERNMENT OFFICES



BAUDER BUILDING BOARD

Project:	Castlebar Government Offices
Location:	Castlebar, Ireland
Roof Area:	2,500m ²
Specifier:	Office of Public Works
Approved Contractor:	Deane Roofing & Cladding

APPLIED PRODUCTS

- K5K is a bituminous capping sheet with a life expectancy in excess of 40 years.
- Thermofol 1.5 mm single ply membrane can be guaranteed for up to 20 years depending on system type.

Challenges

The roof area of this government office building was complex due to expansion joints, air conditioning units and intricate detailing requirements. Work hours had to be agreed with the client to keep disruption to other ongoing work at the site to a minimum and insulation upgrades were necessary to satisfy building regulations. The office also had to remain open throughout the works, causing some logistical challenges.

Solutions

Bauder's premium bituminous system, BTRS, was specified because it is durable, robust and can withstand permanently sited loads of up to 2000Kg/m². The system build-up included Bauder's 100 mm Thermotech Glass insulation for superior thermal performance, ensuring the roof achieved the required 0.17 U-Value. Small linking roof areas were waterproofed using Bauder's single ply PVC system, Thermofol, which is long lasting, possesses high tensile strength of over 1100N, and allows for no physical penetrations of the roof. All deliveries were timed so not to cause any disruption to visitors coming in and out of the facility.

"Bauder delivered a comprehensive roofing solution that utilised their top quality products and unrivalled technical support. Despite the design and logistical challenges encountered, the new roof system was delivered on time and to budget much to the delight of the client"

Project specifier, Tony Collins, Office of Public Works

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