



PROJECT REVISITED: Bournemouth International Centre

Where it all began

The Bournemouth International Centre (BIC) was constructed between 1982 — 1984, opening in September 1984 as one of the largest venues for conferences, exhibitions, entertainment and events in southern England. The centre is well known for hosting national conferences of major British political parties and trade unions. During these high profile events, security was paramount and personnel made use of the flat roof for storing equipment and as a vantage point.

The original roof system had been poorly laid and incorporated mineral wool insulation which unfortunately did not offer a high compressive strength. With the heavy

Bauder Building Board

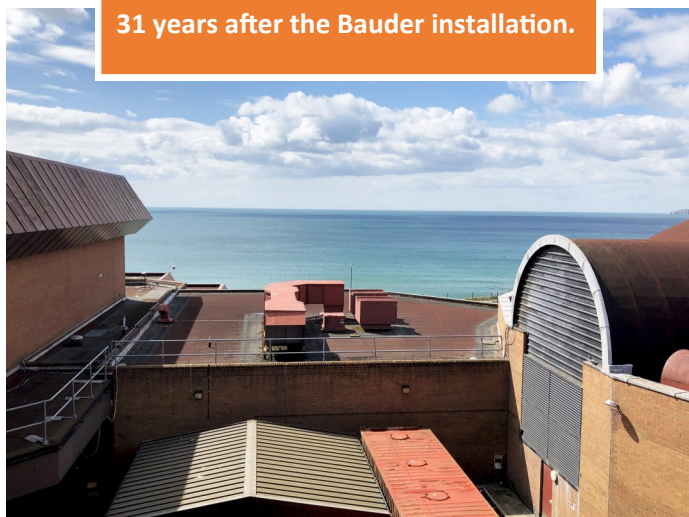
Project name	Bournemouth International Centre
Project type	Refurbishment
Location	Bournemouth
Specifier	Barrie Vincent & Partners
Approved contractor	Gorvin Roofing Ltd

foot traffic experienced during the political party conferences, the roof's integrity was compromised and it soon became evident that a new system was required.

Appreciating the challenge

Chartered Surveyors, Barrie Vincent & Partners, were enlisted to find a durable waterproofing solution for the centre that boasted a long life span. After much research and careful consideration of offerings, Bauder was selected to deliver this project for its quality of waterproofing products and level of guarantee. Barrie Vincent recalls, 'I attended a meeting of the Council at the Town Hall and remember the intense examination on my choice of preferred roof system, and the cost.'

Multiple rooftop areas in 2020,
31 years after the Bauder installation.



Bauder Total Roof System Bituminous Waterproofing

Bauder Total Roof System (BTRS) was specified for the refurbishment as it offers high tensile strength, long life expectancy and is able to withstand foot traffic and most permanently sited plant, therefore overcoming the challenges the building had experienced with the original roof system.

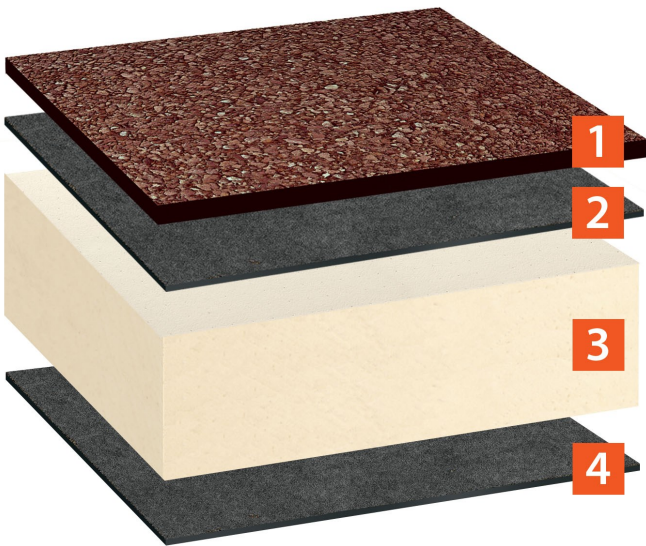
BauderPIR Insulation

BauderPIR insulation was used in the system to deliver the required U-value and offer high compressive strength.

VB4-EXPAL

The air and vapour control layer (AVCL) used in this system provided a temporary waterproofing layer once laid, keeping

System build-up



the centre watertight whilst the rest of the system was installed. VB4-Expal is a thick, robust, torch-applied, elastomeric bitumen AVCL.

The guarantee

Bauder systems are only installed by Bauder approved contractors to ensure quality. This system was installed by Gorvin Roofing to an impeccable standard. After sign-off from Bauder site technicians, this system was awarded a product, workmanship and design guarantee.

Area Technical Manager for the Bournemouth area, Matt Tenison, recently revisited the BIC and was thrilled to find the roof in great shape.

‘Given the roofs proximity to the sea and the fact that it has been installed for over 30 years I was impressed at the condition it was in. There was little sign of wear and tear on the roof and the building owners confirmed that the roof is still intact and keeping the elements out.’

1	K5K cap sheet brown	Heavy duty elastomeric bitumen capping sheet specified on the BIC to withstand heavy foot traffic. The brown colour option complemented the building envelope.
2	G4E Underlayer	G4E is a 4 mm heavy duty torch-applied elastomeric bitumen underlayer with a strong woven glass reinforcement to provide an extremely high tensile strength.
3	BauderPIR Insulation	BauderPIR flatboard insulation is an extremely efficient PIR insulation board with a glass tissue facing on both sides.
4	VB4-EXPAL	Robust, torch-applied, SBS elastomeric bitumen air & vapour control layer, featuring a tear resistant aluminium foil lining for vapour impermeability.

Need more information? Please contact us on:

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