

CASE STUDY

Roof Refurbishment

MAKERS

...makes the difference

PROJECT

Tunbridge Wells Town Hall

STRUCTURE

Multiple Town Hall and Theatre Roofs

CLIENT

Tunbridge Wells Borough Council

CONTRACT



Makers have recently completed roof refurbishment works to the iconic Grade 2 listed Tunbridge Wells Town Hall and the adjoining Assembly Hall Theatre. Makers were relishing the opportunity to work on these heritage buildings and the complex project involved Makers undertaking work on 11 roofs across the two buildings with a total area of 3131m².

Before any work could commence Makers carried out a full roof survey to assess the condition of all roofs and the best remedial action. Some of the roofs were topped with concrete slabs and an inverted insulation board and it was decided that this should be disposed of appropriately before the new system was installed.

Prior to the works, due to the Grade 2 listing of the buildings, they did not conform to current building regulations. This signified that the U-values of the roofs were to be improved. This was achieved by installing new 120mm insulation to ensure the heritage buildings met modern standards.

Planning and organisation were key in the success of this project as the buildings were occupied for the duration of Makers time on site. This meant Makers needed to schedule the work to minimise disruption and maintain clear and open communication with the client to inform all stakeholders of progress.



Before



Before

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Before



Before



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Firstly, after removing all slabs and insulation boards, the roof was treated to a dry clean to remove debris and loose dirt and then underwent a jet wash process to ensure all surfaces were clean and responsive before priming for the coating systems being utilised.

New insulation was laid, as detailed above and a Triflex ProTect System was chosen for use in this project. This system is a hugely effective waterproofing solution. It is rapid curing and easy to install, limiting access restrictions and unnecessary disruptions; perfect for occupied buildings. Triflex ProTect offers a complete waterproofing solution that will last for years to come. The system is not only certified and tested to the highest UK and European standards, it has also been successfully installed for more than 20 years in projects across the globe.

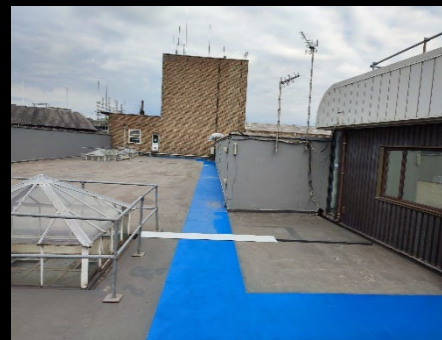
Moreover, the client identified that Roof J was causing water ingress into the Assembly Hall Theatre itself, creating many issues and limiting the function of the Theatre. Makers formulated a solution that successfully prevented the water ingress between the wall from Roof H and Roof J, allowing the Theatre to be fully operational.

The Client and Conservation Officer instructed Makers that the current roof lanterns were to stay. This required Makers to cleverly design the new waterproofing system to allow the lanterns to remain in situ during the installation. This would allow current light flows into the building to be maintained, whilst installing the waterproofing system to meet warranty conditions.

Makers Construction Ltd. are a Triflex approved installer, with many years work with the system. This enabled Makers to successfully renew and refurbish the Roofs on the Grade 2 listed property and provide the client with a 20-year guarantee.



After



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