

WEATHERPROOFING ADVISORS LIMITED

Yeovil District Hospital, Level 3

Roof refurbishment

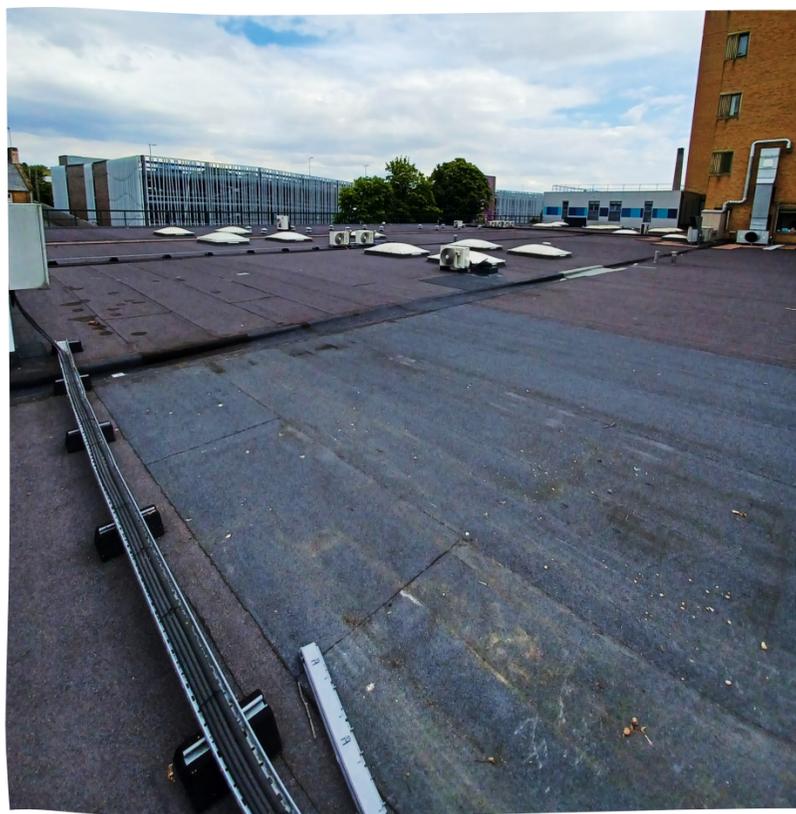
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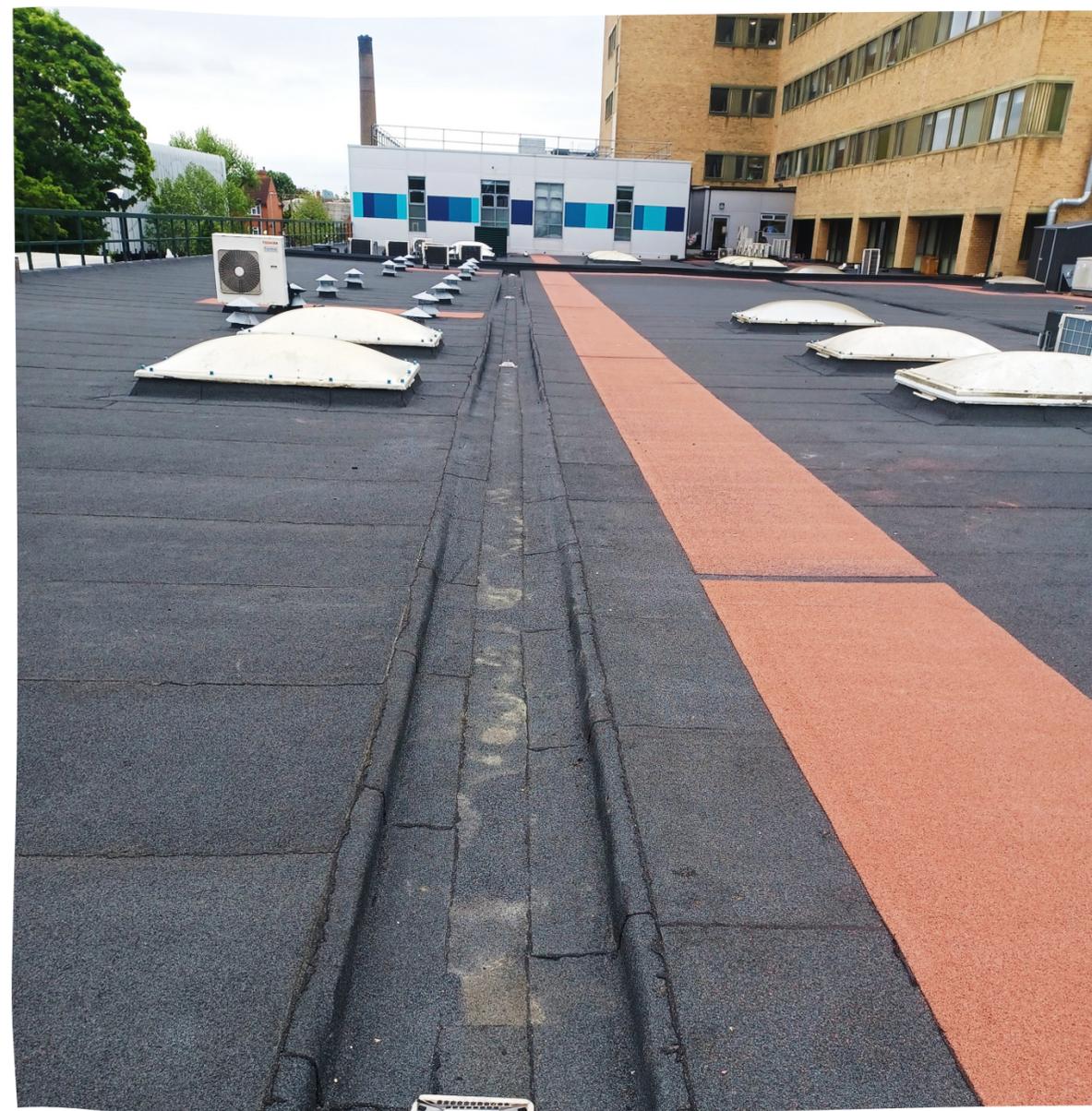
Weatherproofing Advisors were appointed to undertake the Level 3 Roof refurbishment project at Yeovil District Hospital

Working with Yeovil District Hospital NHS Trust and their appointed partner, LED Architects, WPA was commissioned to survey the roof and provide a detailed report of its condition and to consider the appropriate solutions. Following the survey, it was determined that the existing roof is a built-up felt, warm roof construction covering a screed laid to falls. The felt was suffering from large blisters from water ingress throughout the roof, causing laps to fail and more water to penetrate the system. The roof was considered to have reached the end of its serviceable life and WPA provided a solution that removed the defects from the old roof and provided a new built-up felt system that met the client's key objectives. The key objectives for the client were to ensure a watertight roof covering with no water ingress and to provide a surface suitable for the future installation of modular units.

WPA removed the blistered and defective areas of the roof and installed a torch-applied bituminous felt system with two sumped gutter details running the length of the roof. Existing air handling units were temporarily raised to receive the new felt covering and replaced on to new "Bigfoot" style roof mounts. There were multiple roof lights & penetrations on the roof which were carefully detailed to ensure the integrity of the system. There is an existing modular building that has been built on top of the Level 3 roof area that requires a different solution owing to the material that the modular building is constructed from. Using a torch-applied solution here was not deemed appropriate, a liquid coating solution was installed here after consultation with the supplier to ensure that the 20-year warranty is maintained. To ensure a clear, demarcated access route to all roof mounted plant, a red walkway has been incorporated on to the field area and has replaced the use of paving slabs and thus reducing the weight loading on the structure.



Before works, the image shows the condition of the felt, blisters, and failed laps.



Overview of the roof following works, sumped gutter and clearly demarcated walkway.



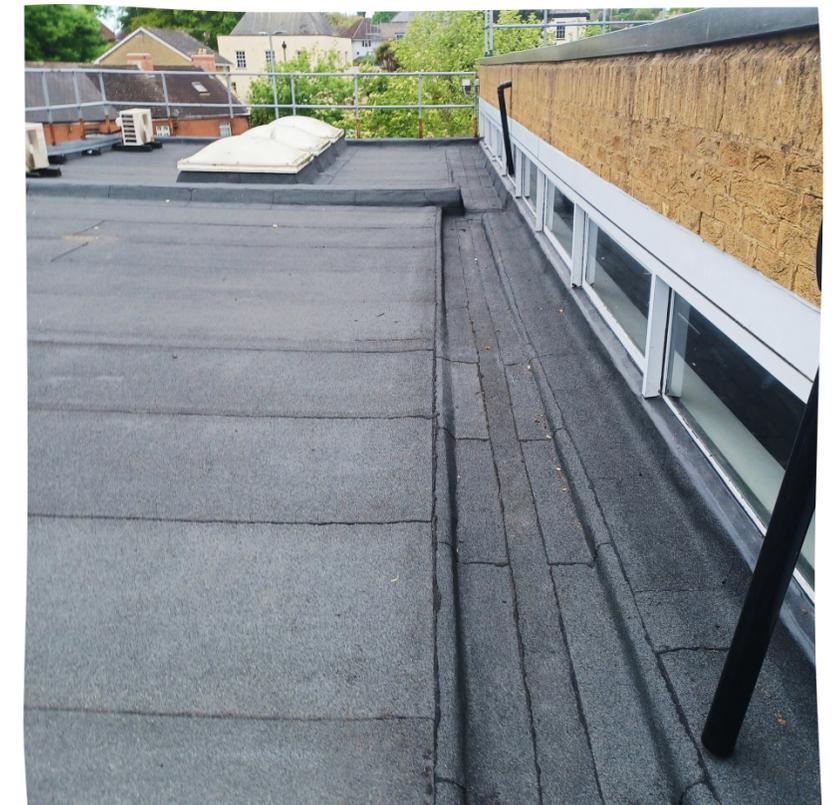
Before works, paving slabs used to demarcate a walkway on the roof



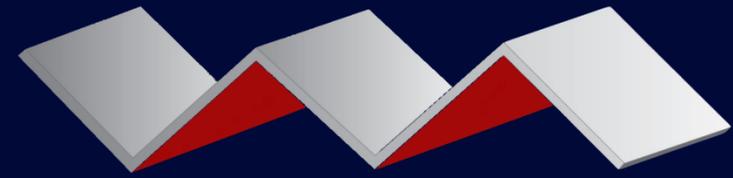
Following WPA works, particular focus on the correct detailing of all penetrations.



Scan the QR code to view online.



Sumped gutter detail around the edge of the building carefully designed and detailed.



WEATHERPROOFING ADVISORS LIMITED

Setting new standards for the roofing industry



Established over four decades, Weatherproofing Advisors continue to raise the bar with respect to their technical and service capabilities.

Specialising in the maintenance and refurbishment of roofing and cladding, Weatherproofing Advisors have built their enviable reputation around their passion for providing their customers with unparalleled levels of service.

Service the WPA way Our culture of continual improvement and going the extra mile for our customers and colleagues alike has enabled us to develop a true and lasting partnership with many of our clients.

Our customers say we bring real value to their business – over 93% of our customers said we had provided excellent levels of service in relation to quality of works, health and safety, communications and customer care.

All sectors covered from service centres across the UK

Weatherproofing Advisors Ltd offer both a regional and national capability through their service centres across the UK. We have experience of working in all market sectors and fully appreciate the different demands associated with each.

Good service does not happen by accident.

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