



WEATHERPROOFING ADVISORS LIMITED

Green Roof Installation. Shell, Fulham.



Weatherproofing Advisors were recently appointed by Vinci Facilities management to complete the re-roofing and installation of the first ever green roof on a Shell forecourt based in the UK.

The old roof covering has come to the end of its serviceable life, with water penetrating the building almost every time there was rainfall.

This issue was compounded by the fact that the existing underground drainage could not deal with the capacity of water running off both the flat and canopy roof areas.

With this in mind Weatherproofing Advisors proposed, and installed a green roof system that not only would eliminate the water ingress, but also due to the ability of a green roof to hold at least 50% of rainfall would eliminate the underground drainage problem.

The design was carried out in conjunction with Dusty Gedge of LivingRoofs.org.

The existing felt roof covering was prepared and overlaid with a new Proteus Cold Melt warm roof liquid applied waterproofing system.

This was then covered with a bespoke Green Roof system, specifically engineered for it Biodiversity credentials including a hay drainage layer and Carbon8 substrate, completed with wildflower and sedum cuttings.

To complete this unique installation a Mushroom Mycelium was introduced into the substrate to significantly increase its capabilities of sequestering Green House Gases.

Following the successful installation of the green roof, further 'World First' tests are being carried out by Stirling University to determine exactly how much Green House Gases can be permanently Drawn-down from the atmosphere. This is critical in the fight against Climate Change.

Finally, a nearby resident overlooking the site has already commented that it is a wonderful thing and will be a lot better to look at than a typical roof covering.



Top left: Photograph of the old flat roof covering.

Middle left: Electronic leak detection testing of the newly installed cold melt waterproofing.

Bottom left: Progress photograph of the green roof installation.

Main image: Image of wild flower planting.

Bottom right: Additional photograph of planting and seeding.





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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