

WEATHERPROOFING ADVISORS LIMITED

Tesco Stores Ltd - Coleraine

www.weatherproofing.co.uk



Weatherproofing Advisors were requested to inspect the condition of the roof covering at the Tesco Superstore in Coleraine.



The store is located in the heart of the town, near the river Bann, providing a much-needed service to the residents of Coleraine and the wider community. The store was constructed in the 1960s, and comprises of a concrete structure throughout, which is then enveloped at roof level with a double-skin asbestos cement roof covering.

Upon inspection, it was very evident that the original roof covering had come to the end of its serviceable life. Water ingress was widespread, not only affecting the shopping experience for the customers but also the integrity of the building. Over a short period, several solutions were considered, from coating, over-sheeting and a complete roof renewal.

The coating and over-sheeting solutions were quickly dismissed as being non-viable. We immediately eliminated coating as an option, as it would not provide the customer with any value, and over-sheeting would be very difficult due to the concrete purlin configuration. In conjunction with Tesco, it was decided to completely renew the roof. Whilst this presented the biggest challenges, it also provided the store with the best value and most attractive outcome.

SPOTLIGHT ON SERVICE

To enable the project to be delivered while remaining fully functional and open to the public, the project was broken up into 3 main phases. During each phase, an internal birdcage scaffold was constructed. This was fully lined and tested to ensure that customers, staff, and visitors remained safe. The roof was progressively removed and replaced, ensuring that the building was not left exposed to the elements at any stage.

The new Kingspan KS1000RW composite panel was specified and installed in line with all manufacturers' recommendations. The roof covering was designed in conjunction with the proposal to install a new PV system on the roof.

To determine the most effective PV system, data was provided to ensure that the amount of energy exported was kept to an absolute minimum. WPA then engaged with Kingspan to design a PV system that was compatible with the roof panel. Kingspan has developed a new fixing system called PoweRail RW, which is a bracket that fixes onto the crown of the roof panel and then is fixed into the side wall. This approach provided the client with a fully guaranteed system from Waterproofing to PV.

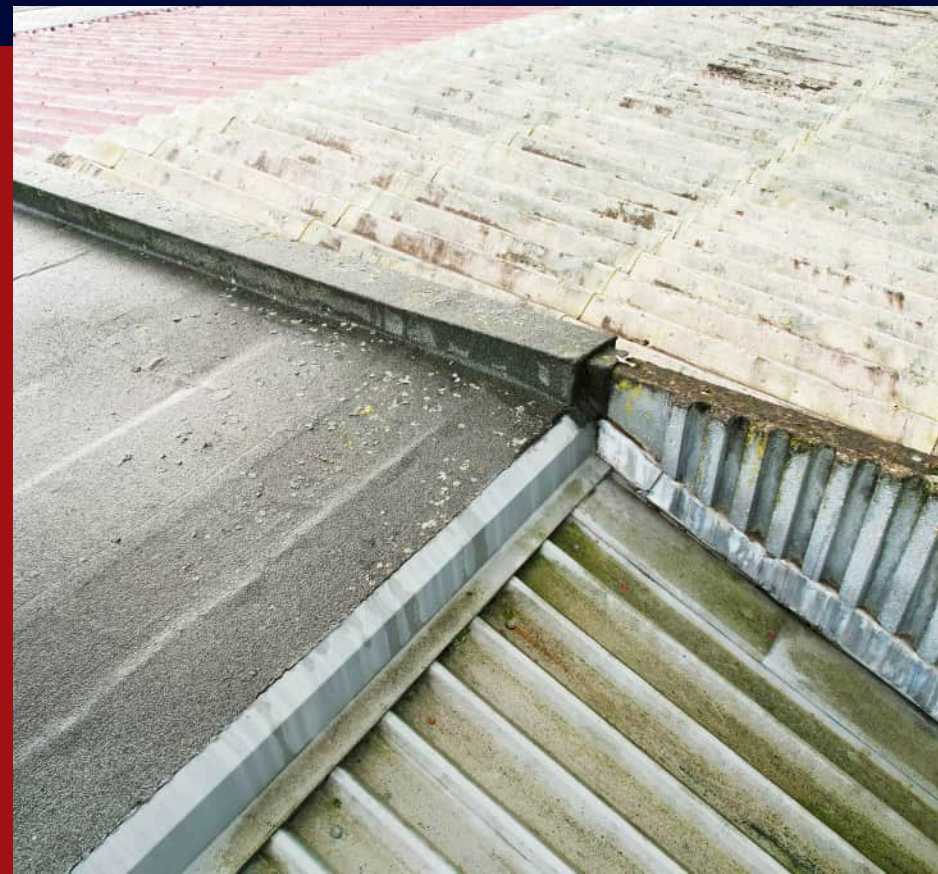
Additional cladding, single-ply works to flat roofs, and over-sheeting to existing metal roofs were also carried out to transform the building from its old concrete-clad appearance to a new modern, energy-efficient building that now stands proudly in the heart of Coleraine.



SPOTLIGHT ON SERVICE

Project Gallery

BEFORE



**NUMEROUS HISTORIC
ADDITIONS TO THE BUILDING
HAD RESULTED IN SOME
DIFFICULT AND POORLY
FINISHED JUNCTIONS**



**VARIOUS ROOF COVERINGS
WERE ALL AT END OF LIFE**

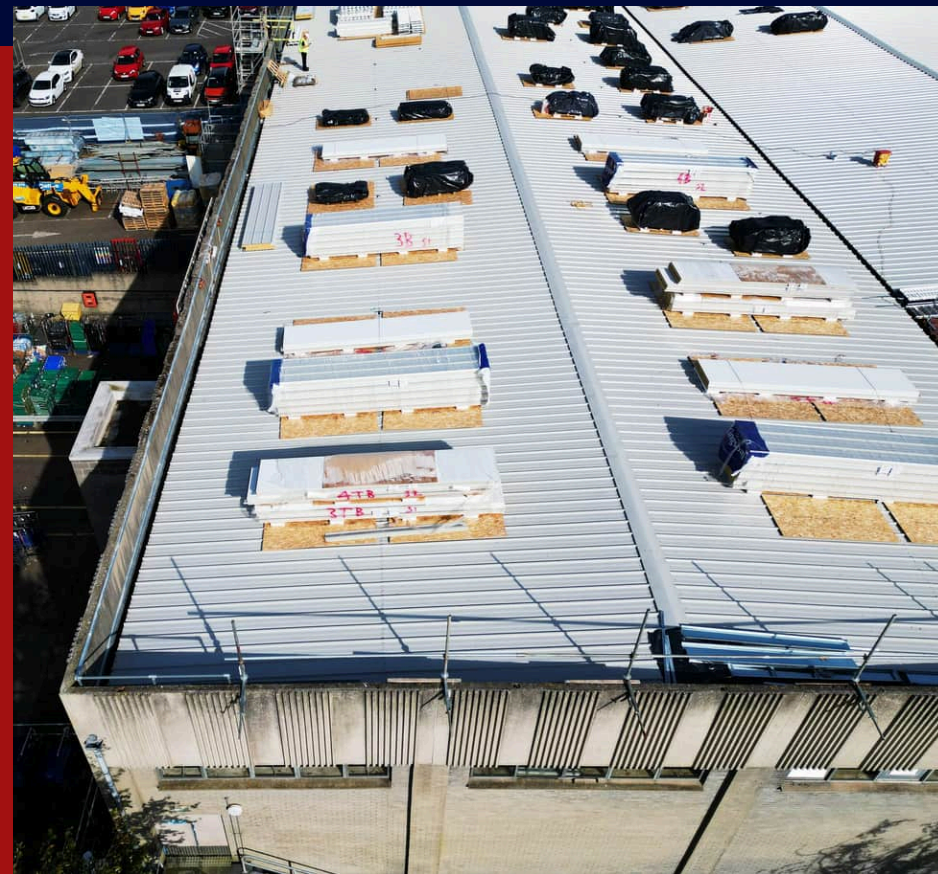


**REPAIRS UNDERTAKEN HAD ALSO
STARTED TO SHOW SIGNS OF
FAILURE**

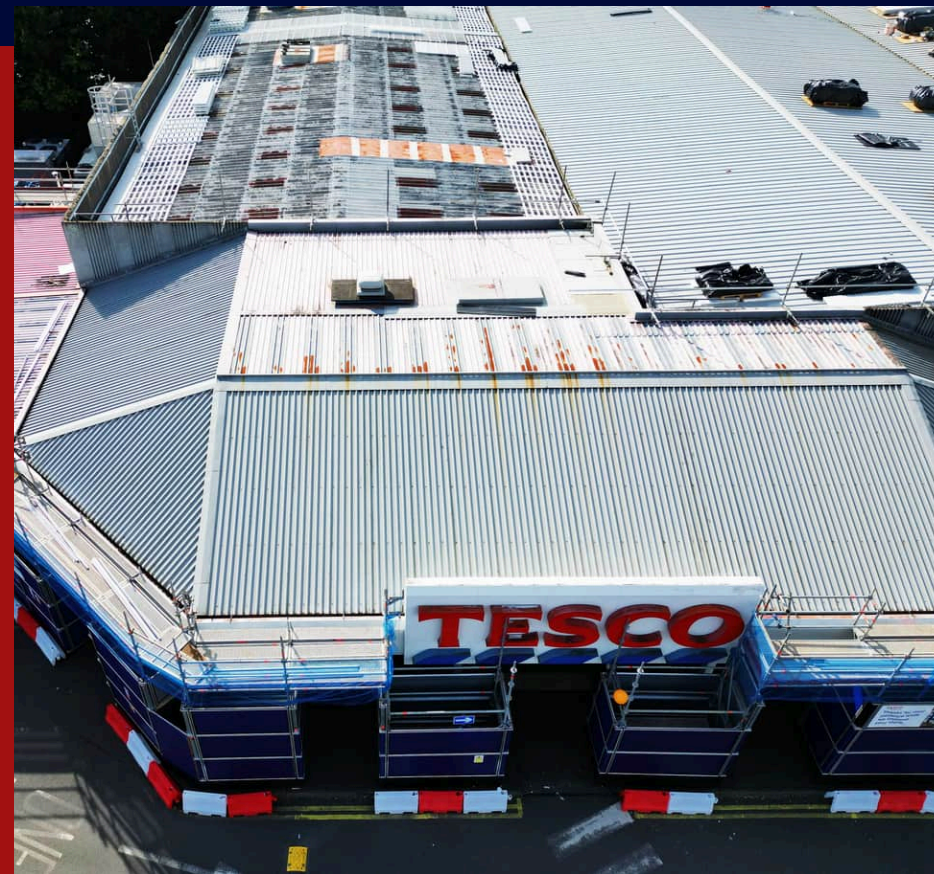
SPOTLIGHT ON SERVICE

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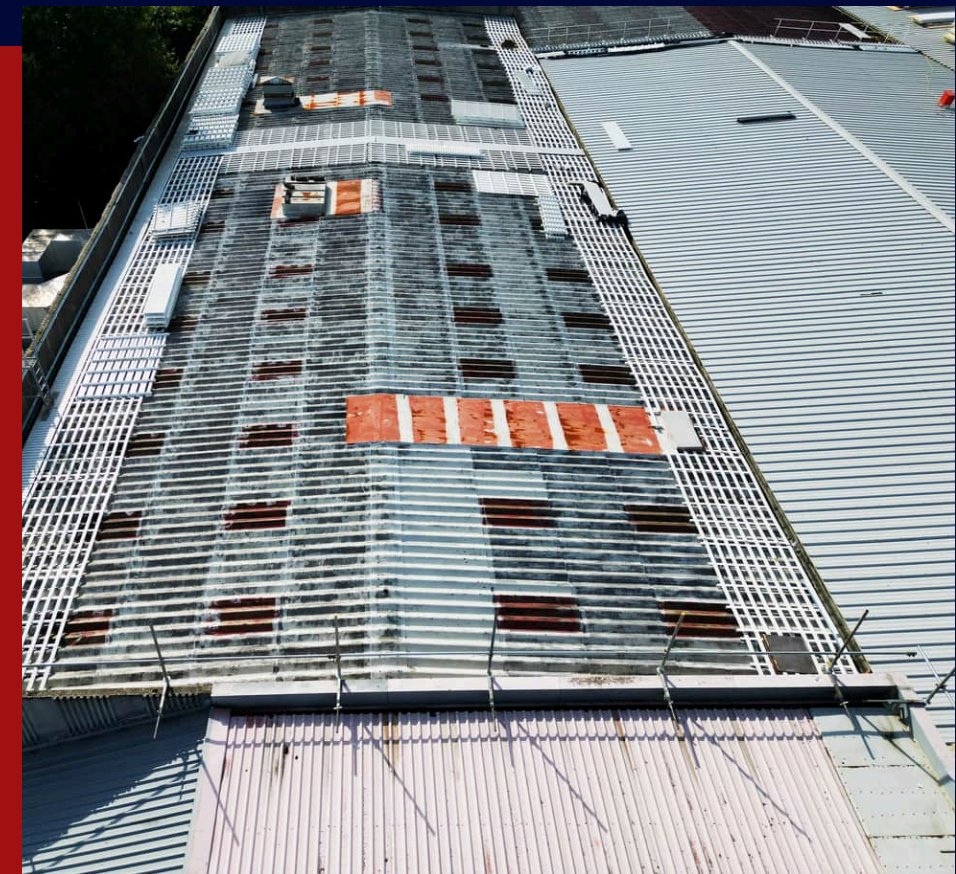
DURING



NEW KS1000RW PANEL



OVER-SHEETED ROOF AREA



**CONTRAST OF THE OLD AND NEW
ROOF COVERINGS**

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AFTER



**OVERVIEW SHOWING THE NEW
ROOF AND PV SYSTEM**



PV System size 393 KWp



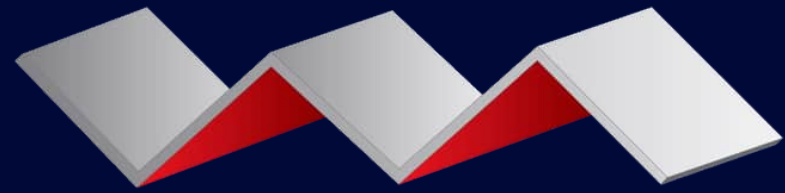
**PV SYSTEM WAS CONFIGURED TO
ALLOW ACCESS FOR GUTTER
MAINTENANCE**

SPOTLIGHT ON SERVICE

Project Gallery



**SCAN QR CODE TO VIEW
PORTFOLIO**



WEATHERPROOFING ADVISORS LIMITED

Setting new standards for the roofing industry

- ✓ Roof Cladding
- ✓ Wall Cladding
- ✓ Flat Roofing
- ✓ Gutter Refurbishment
- ✓ Slating & Tiling
- ✓ Green Roofing
- ✓ Non-Licensed Asbestos
- ✓ Dilapidations
- ✓ Safety Systems
- ✓ Surveying Services
- ✓ Solar PV
- ✓ Aftercare

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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