

CASE STUDY

Pitched metal roof, flat roof University of the West of Scotland

J Shearer Roofing Ltd was contracted by the University of the West of Scotland to carry out urgent roof refurbishment works. The 100m² flat roof area and 250m² pitched roof area had degraded over time and was no longer durable.

Following a site visit and a roof survey, we recommended the following scope of works to renew the ageing roof and re-establish its waterproofing integrity.

- Refurbish existing metal sheet roof with new liquid coating.
- Line all gutters with new liquid system.
- New liquid system to flat roof area.

We opted for refurbishment rather than replacement as the integrity of the existing roof sheets allowed for the safe application of waterproof protective coating. This solution also mitigated the need for removing and re-sheeting, minimising disruption to the live campus environment.

In order to provide a fully watertight roofing system that matched the accompanying roofing structures colour, we recommended Elasto-Kote SEBS 10 year waterproofing system in black to match the existing pitched roofs.

We power washed and detailed with Karnaflex detailing product to ensure all fixing penetrations were fully encapsulated.

Prioritising the campus users and minimising disruption, works were delivered within the agreed 4-week time frame and carried out Monday - Friday between 8am and 4.30pm.

Careful planning of key aspects was critical to maintain programme. For example, to waterproof the area, the 2 coats of Elasto-Kote system were scheduled for when the winter weather permitted.

At A GLANCE

Client: University of the West of Scotland

Location: Hamilton

Type of Roof: Pitched Metal Roof, Flat Roof

Contract Start: Jan 2021

Contract Completion: Feb 2021

Square Area: Total 350m²

Value: £45,000.00

