

SCOTTISH AGRICULTURAL COLLEGE EDINBURGH

Product: 30 Em-Dome modular rooflights; 1 Em-Vault continuous rooflight, by Whitesales



The challenge...

For several months the Scottish Agricultural College had been experiencing issues in this particular building with water ingress. The roof covering itself was old and in need of replacement. Furthermore, the roof had 31 rooflights on it. They were old, single skin glass units with very poor insulation values – so not only were they letting water in, they were also letting heat out! They were also unsafe and not up to current building regulations. Replacement rooflights were required that would:

- Increase the building's thermal efficiency
- Increase amount of natural daylight in the building
- Reduce the safety risk for persons on the roof
- Be aesthetically pleasing
- Bond quickly and easily to the new membrane
- Be of industry leading quality and stay watertight for many years to come.

The solution

A local roofing contractor was selected to carry out the work due to their particular expertise in flat roof single ply refurbishment. The contractor needed to deal with a supplier who could efficiently handle the rooflight element of this job. By teaming up with Whitesales, they found exactly what they needed. After one site visit to measure up the varied shapes and sizes, Whitesales took on the responsibility and shortly after delivered exactly what was required.

The benefits

The occupants of the building are now enjoying the benefits of Whitesales class leading products, as can clearly be seen from the images. They can rest assured in the knowledge that for many years to come their new rooflights will continue to do just what they need – let the light in from outside, but not the warmth out from inside.



BEFORE: Single skin glass units allowed water ingress and provided poor thermal insulation

Company profile

Whitesales has over 20 years' experience in the manufacture and distribution of speciality flat roofing products. As a company we have the dedication and resource to fulfil the most demanding of requirements throughout the UK. Our experienced and expert personnel have an in-depth knowledge of industry regulations, which ensures we provide up to date advice on fully compliant solutions. Also, we invest in ecologically friendly business processes meaning that our products are from sustainable sources.

Sustainability

Sustainable developments ensure a better quality of life for everyone, now and for future generations. To be environmentally sustainable a product must be manufactured and used in a way that minimises its impact on the environment. Sustainability covers all aspects of a product's impact on the environment. This includes original source of raw materials, the manufacturing process, transportation, construction, life span of the product and eventual disposal and re-use of the material.



AFTER: Whitesales Em-Vault & Em-Dome polycarbonate rooflights provide excellent thermal insulation with high light transmission

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