

Case study

Cowes Enterprise College



Whitesales®
Rooflights & more...



Project information

Project:	Cowes Enterprise College Isle of Wight
Client:	Isle of Wight Council - Cowes One School
Scope of project:	£32m new build involving large areas of green roofs and roof glazing
Products:	Em-Glaze Continuous glass and polycarbonate rooflights Em-Dome modular polycarbonate rooflights
Roof membrane:	Bitumen 3 layer system

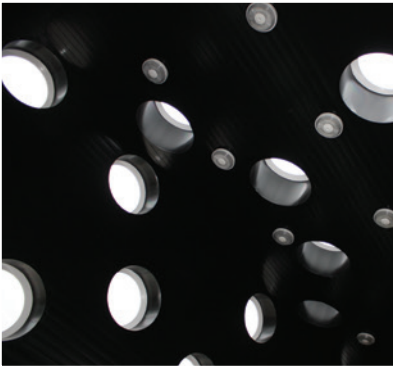
Project testimonial

“Whitesales exceeded expectations by providing advice on current legislation and design criteria outstanding customer service and responsiveness.

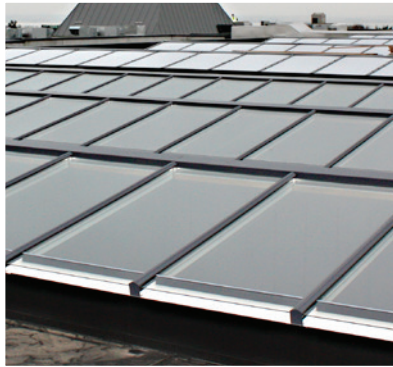
When the project started the Whitesales team reacted immediately to bring the vision to life, ensuring that by selecting the Em-Glaze rooflights, Cowes Enterprise College could achieve BREEAM Excellent rating.

The follow-up and detail has been superior. Understanding of the goals and concepts was demonstrated time and time again.”

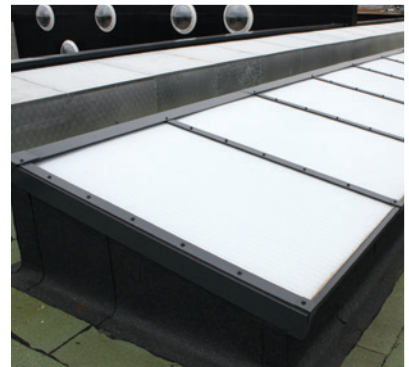
Call us on 01483 271371 or visit www.whitesales.co.uk



Horizontally and vertically fixed polycarbonate Em-Dome rooflights



Em-Glaze continuous glass rooflight



Em-Glaze continuous polycarbonate rooflight

The challenge...

Cowes Enterprise College is an impressive, £32 million new development with a multitude of attractive community facilities. With the key aim to achieve a BREEAM Excellent rating, the College has been designed as a landmark building, replacing the preceding High School.

Central to the building's design is the flat roof, which is modular in construction and includes large areas of roof glazing to optimise natural daylight and ventilation. In addition there will be a living green roof and a biomass plant, providing low cost and energy efficient heating and hot water.

The solution...

Specialist rooflight supplier Whitesales worked closely alongside JM Architects and roofing installer John Nicholson Ltd to provide a complete design, manufacture and installation package of rooflights, featuring products from the Em-Glaze glass monopitch and Em-Dome modular polycarbonate ranges. Whitesales' highly detailed specification ensured that all the legal requirements for thermal transmission, impact resistance and ventilation were met in order to hit the target BREEAM Excellent rating. The experienced team also advised on waterproofing membranes and upstands and carried out site surveys to confirm dimensions, to ensure a seamless specification and installation process.

The benefits...

- Excellent thermal efficiency
- Optimised natural daylight throughout
- Reduced safety risk for persons on the roof
- Aesthetically pleasing finish
- Industry-leading quality guaranteed rooflights which will stay watertight for years to come

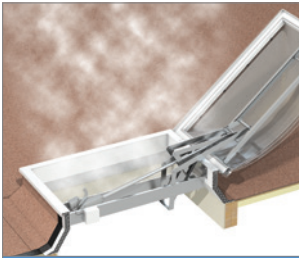


Em-Glaze custom designed hexagonal rooflight



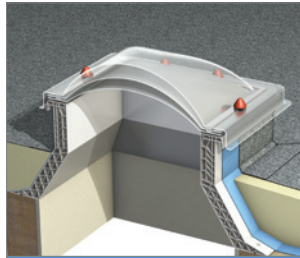
Em-Glaze horizontal to vertical glazing detail

Our products



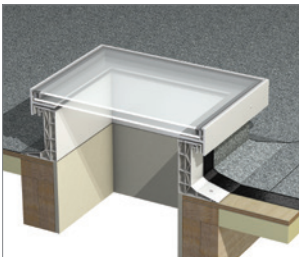
Em-Vent

Smoke ventilators incorporating either glazed or solid covers.



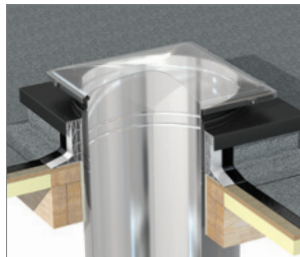
Em-Dome

Thermoformed dome and pyramid rooflights in a wide range of sizes/glazing options.



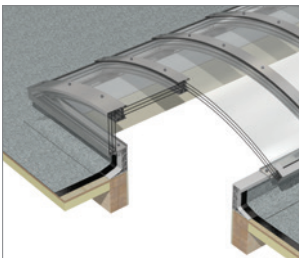
Em-Glaze Modular

Flat glass rooflights with polyester powder coated aluminium frame.



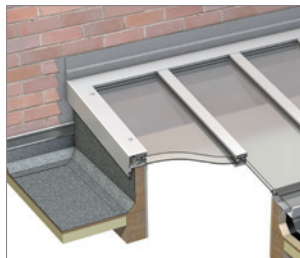
Em-Tube

Tubular skylights for flat or pitched roofs with either rigid or flexible tube.



Em-Vault

Barrel vaulted continuous sectional rooflights in polycarbonate.



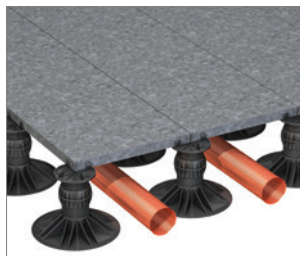
Em-Glaze Monopitch

Continuous monopitch skylights in glass or polycarbonate with aluminium framework and cill sections.



Em-Trim

GRP roof edge trim. Em-Trim is available in a wide range of sizes and colours.



Em-Pad

Adjustable paving slab support pad. Em-Pads are adjustable height to allow accurate levelling of paving systems.

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.

To shed light on your building project, call us now on **01483 271371** or email us at **sales@whitesales.co.uk** to request one of our brochures or relevant case studies.



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