

**AIRSHIP HANGAR, BEDFORDSHIRE**  
**BRETT MARTIN DAYLIGHT SYSTEMS**



As part of the £10.5 million refurbishment on one of the largest hangars in the UK, leading rooflight manufacturer Brett Martin Daylight Systems has supplied Trilite GRP sheets. Designed to bring daylight into the Bedfordshire building, reduce the need for artificial lighting and create a more pleasant and comfortable environment for the team working on Airlander 10, the largest British aircraft that has ever been constructed.

Built in 1916 for the development of airships, Hangar 1 (one of two identical hangars) is approximately 250 metres long, offers more than 20,000 square metres of floor area and is over 50 metres in height.

Prior to the refurbishment, the hangar was a Category A building on English Heritage's Building at Risk Register and is one of the most important listed buildings in the UK. The comprehensive refurbishment by contractor CField Construction included the replacement of cladding, steelwork repairs and painting, interior refurbishment, new lighting and flooring.

With daylight a vital consideration during the refurbishment of the hangar, CField Construction required a daylighting solution which would offer optimum light transmission, ease of installation and suit the bespoke metal cladding profile. More than 4000 square metres of Trilite was specified to run the full 250 metre length on each of the side hangar elevations.



With Hangar 2 being used for film productions including Batman, The Dark Knight and Star Wars Rogue One, the newly restored Hangar 1 is now the appropriate home for the fully assembled Airlander 10, a 92 metre long helium filled airship which literally dwarfs a Boeing 747.

Commenting on the refurbishment, Patrick Crowley of CField Construction said: “We worked closely with English Heritage and the Bedford Borough Council Conservation Team to ensure all works were carried out in accordance with conservation principles, policies and guidance. The Trilite GRP sheets met their exacting standards and offered our team ease of installation on what was a live tenanted building.”



With over 1,000 profiles available and seven sheet thicknesses to choose from, Trilite GRP rooflight sheet is used extensively in a wide range of applications in the industrial, commercial, horticultural, agricultural and DIY sectors. Offering high strength, durability and fire rating, these BBA certified rooflights are specified to satisfy project requirements.



Daylight Systems

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