

# BARBICAN CENTRE

**PROJECT:** Barbican Centre, London

**CLIENT:** Russell Trew Ltd

**SCOPE OF PROJECT:** Replica rooflights for an iconic Grade II listed building

**PRODUCTS:** em.glaze bespoke rooflights







## Solar glazing performs for Brutalist style Grade II listed

### THE CHALLENGE

Barbican Centre is the largest arts centre in Europe, home to three cinemas, two theatres, two art galleries, two exhibition halls, a concert hall, a library and various conference rooms, shops, foyers and, unusually, a conservatory. Built in the Brutalist style and completed in 1982, it's also been the subject of staged refurbishment over the past decade and more.

While its interior now features a bold, modern new identity, as a Grade II listed building, the Barbican's existing rooflights needed replicating to strict heritage and environmental performance standards.

### THE SOLUTION

Whitesales undertook roof surveys to ascertain the exact requirements and analyse the exterior aesthetic of the original rooflights, following which they specified custom-built 30-degree em.glaze pyramid rooflights. The aluminium framework and glazing bars were chosen to match the original rooflight design, and are polyester powder-coated to RAL 9010 white. The new skylights feature hermetically sealed diffused double glazed diffused glass with SKN174 solar control coating.

With a high-profile art exhibition due imminently, directly beneath the rooflights, the Whitesales team successfully met the immovable deadline set for completion.

**”** *The rooflights integrated nicely into the overall waterproofing project and have proved successful both as a like-for-like match and in addressing longstanding issues of water ingress.*

### THE BENEFITS

- Perfect visual replicas which satisfy refurbishment requirements for listed buildings.
- Solar glazing reduces heat gain in the art galleries below.
- Diffused glazing matches existing specification and ensures privacy.
- Additional water testing to Section 9 for ultimate client reassurance.

