

THE GRAMOPHONE WORKS

PROJECT: The Gramophone Works

CLIENT: City Axis Ltd

SCOPE OF PROJECT: Complex roof glazing refurbishment with stringent BREEAM requirements

PRODUCTS: Bespoke em.glaze monopitch rooflights





Iconic music landmark undergoes impressive refurbishment

THE CHALLENGE

The Gramophone Works, former home of Saga records and epicentre of reggae music in London, is located in West London's best-kept secret, Kensal Rise. In this installation for the landmark canal side commercial campus, which comprises a mix of refurbished and extended office spaces, optimum daylight was a key part of the dynamic design. High levels of light transmission and faithful replication of the pre-existing roof glazing were essential for the refurbishment and to ensure a BREEAM rating of 'very good'.

THE SOLUTION

A single ply membrane was selected for the roof, offering seamless interfaces to other construction elements and the flexibility needed for the complex refurbishment project. We worked closely with the roofing contractor to phase the installation of the rooflight along with the single ply membrane.

Using single ply membrane allowed the upstands to be sealed and welded before the main roof was ready to be weatherproofed. The single ply flashings were then welded to the main roof area covering at the end of the project which allowed the installation of the rooflight to continue uninterrupted. The new aluminium continuous roof glazing exactly matches the pre-existing in appearance, whilst delivering improved solar control through double glazed low e glass.

The bespoke em.glaze monopitch rooflights also feature custom fixing details to incorporate with existing concrete structural beams and custom flashings for head detail. The removal of the existing fragile units presented many challenges during the project, but the staged installation of main units and flashings allowed for works to be completed more easily.

THE BENEFITS

- An outstanding office environment – where optimal daylight levels improve emotional, mental and physical wellbeing of the occupants
- BREEAM rating achieved
- Cost-efficiencies balanced with better internal comfort levels
- Custom fixing details
- Faithful replication of the pre-existing roof glazing
- Phased installation coordinated with other trades

