

HEAR EAST, STRATFORD, LONDON BRETT MARTIN DAYLIGHT SYSTEMS



The former press and broadcast centre in London's Olympic Park has been transformed into the one of the biggest tech hubs in Europe, with Brett Martin Daylight Systems' Marlon Clickfix RL glazing system glazed with Marlon Clickfix 1040 polycarbonate, providing a low pitch rooflight which maximises natural light and creates a bright, appealing and naturally-lit environment for a range of businesses.

From a design by Hawkins Brown, Here East is a major new 1.2 million square feet development in Stratford that is set to transform creative and digital industries in London. Comprising three buildings – the former press and broadcast centres, and a 750-seat auditorium – the challenge for the main contractor was converting what were once windowless and cavernous warehouses into eye-catching, daylight-filled buildings with sustainability at their core.

Central to the design was the specification of 34 Marlon Clickfix RL rooflights glazed in clear Marlon Clickfix *1040* polycarbonate to ensure the offices and shops below were bright, appealing and flooded with natural light.

Commenting on the specification, Steve Higgins of Brett Martin said: “One of the challenges for the architect was finding a thermally-efficient rooflight solution which would work at a low 7° pitch. Marlon Clickfix RL provided the the most adaptable solution and ensured a fast and straightforward installation for roofing and cladding contractor, Lakesmere.”

A lightweight polycarbonate panel, Marlon Clickfix *1040* has integral interlocking connections that simply click into place forming glazed areas of unlimited size and shape. The 40mm structured polycarbonate glazing panel has 10 insulating walls to achieve a U-value of 0.99 W/m²K, for a high performing and thermally-efficient glazing solution. It has a choice of thermally broken aluminium glazing bar systems depending on the application. The Marlon Clickfix RL glazing bar system - used at Here East - has been designed for use in low pitch rooflights and canopies, whilst Marlon Clickfix VF has been specifically developed for vertical installations such as façades, partitioning, rain screens and northlights.

Marlon Clickfix *1040* provides high quality natural light, superior thermal insulation and UV protection. In addition to the impact resistance, resilience and structural strength that is inherent in all of Brett Martin’s high performance polycarbonate sheet products, it is also lightweight and easy to handle.

With this state-of-the-art digital tech quarter now complete, Brett Martin Daylight Systems will demonstrate once again that introducing natural light into spaces is central to achieving the required performance of highly sustainable buildings.



Daylight Systems

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