

## BOXPARK, CROYDON BRETT MARTIN DAYLIGHT SYSTEMS



With the pop-up culture seen as a flexible, fast and low-cost solution to revitalising and unlocking urban environments, Brett Martin Daylight Systems' lightweight and robust Marlon CS profiled polycarbonate glazing panels have maximised daylight and been an integral element in the creation of Boxpark Croydon, a new pop-up mall featuring a range of shopping and dining venues.

Located next to East Croydon train station and designed by architects BDP as part of the mixed-use Ruskin Square Development, Boxpark Croydon has been built from 96 stripped and refitted shipping containers arranged around a covered courtyard space which can be used for year-round events. To bring natural daylight and to provide cover to the central piazza which has drawn inspiration from Covent Garden, the specification of single-skin Marlon CS Longlife ensured this project met the fast build programme.

The early involvement of the Brett Martin technical team on the project ensured the most appropriate daylighting solution was chosen which met the individual daylighting and aesthetic requirements of the project.

The project saw the creation of a transparent roof made up of 1331 square metres of 2mm thick Marlon CS Longlife glazing panels in three pre-cut sizes and installed at a pitch of 5 degrees.



Commenting on the project, Daniel Isaac, area business manager at Brett Martin Daylight Systems said; “We recommended a pitch of 5 degrees to avoid any water ingress issues in the space below and advised on fixing methods which included 2mm thick EPDM dry seal compression tape at the end laps due to longer overlaps.”

In addition to the impact resistance, resilience and structural strength inherent in all of Brett Martin’s high performance polycarbonate sheet products, Marlon CS Longlife is also lightweight and easy to handle. With an unrivalled range of profile options, it can be used to form complete roof coverings or can be incorporated into any corrugated metal roofing and cladding system, from simple single skin to advanced composite panels.

By incorporating Brett Martin's Marlon CS profiled polycarbonate sheet, visitors to Boxpark will be able to enjoy a bright, airy environment that is protected from the extremes of wet weather as well as protection from the sun's UV rays.

Offering long-term performance, Marlon CS Longlife polycarbonate comes with a co-extruded UV protection layer and carries a 10-year warranty on light transmission and durability, guaranteeing daylight into this pop-up mall for years to come.



Daylight Systems

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