

## ENERGY SAVING AT MORRISONS BRETT MARTIN DAYLIGHT SYSTEMS LIMITED



High durability, long life performance and thermal insulation were central to the specification of 10,000 square metres of Brett Martin Daylight Systems' Energysaver composite panel rooflights which have been installed in the Morrisons Regional Distribution Centre (RDC), near Bridgwater in Somerset.

As the UK's fourth largest supermarket retailer with over 500 stores, Morrisons is continuing to expand across the whole of England, Scotland and Wales with a particular emphasis on London and the South of England. To cope with the expansion the 800,000 square feet RDC has been built to serve 63 stores across the region with more stores planned in the next three years.

The £95 million RDC is an exemplar of low carbon, sustainable design. The Energysavers, installed in the bulk warehouse and other spaces and equating to 12 per cent roof area, introduce natural daylight into the facility and reduce the need for artificial lighting.

The standard Energysaver factory assembled rooflight has a patented thermal membrane and has a U-value of 1.9kW/m<sup>2</sup>K with options as low as 0.9W/m<sup>2</sup>K, well-exceeding the Part L requirements.

Architects DLA Design took their inspiration for the RDC design concept from the iconic Willow Man, a 12 metre high figure consisting of willow woven over a steel frame and located near to the site on the M5. The brief was to create a landmark building which was in keeping with the surrounding landscape. An unusual 'willow weave' of green cladding panels have been installed to capture the spirit of Willow Man and keeps synergy with the surrounding landscape.

Working closely with the client the architect looked at the design through the whole life cycle of the building and the rooflights satisfied the project requirements - Energysaver's weather sheet, made from Trilite GRP, is supplied with 'Superlife' UV protection and offers a life expectancy in excess of 25 years.



Daylight Systems

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