

WAITROSE SUPERSTORE



BAUDER BUILDING BOARD

Project:	Waitrose
Location:	Bagshot
Roof Area:	4,800m ²
Specifier:	Forum Architecture
Main Contractor:	Midas Group
Roofing Contractor:	Span Roofing



APPLIED PRODUCTS

- Bauder green roof systems provide various environmental benefits including rainwater retention, noise absorption and the creation of new wildlife habitats.

This £14 million Waitrose superstore is built on a brownfield site located in Bagshot, Surrey. The client wanted the new development to replace the green space lost to the building's footprint and minimise its overall impact on the surrounding landscape. This was achieved through the installation of 4,800m² of Bauder's high quality, low maintenance sedum blanket, which is highly visible even at ground level.

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The new roof features Bauder's premium root resistant bituminous waterproofing system, BTGRS, which includes a highly efficient 120mm FA-TE insulation to satisfy the required 0.18 U-value. The pre-cultivated sedum blanket was craned into position onto the roof and then laid in a very similar way to turf to produce a continuous sea of green vegetation on the large waved shape roof. Bauder approved contractor Span Roofing installed over 1,000m² of the lightweight sedum blanket each day, providing instant coverage and greening of the building. The blanket features 11 species of sedums with some mosses and grasses to ensure plant diversity.

All roofing works were completed on time and to budget ensuring there was no delay to the store's official opening, delivering to the client and local community a striking green roof that acts as a visual reminder of the importance of sustainability.

Jeffrey Thornton of Midas Group stated, "Bauder delivered high quality, professional support throughout the project, and Span Roofing demonstrated exception levels of workmanship in the installation of the green roof. This eco-friendly building is undeniably a benchmark for sustainable construction and its roof has played an integral part in achieving this."