

International Green Roof Association Global Networking for Green Roofs



Project Data

Project:	Brewer's Fayre Pub and Restaurant
Client:	Whitbread PLC
Location (City, Country):	Beacon's Quay, Torquay
Year of Construction:	2003
Roof Size:	-
Building Type:	Commercial
Green Roof Type:	Extensive
Vegetation:	Sedum
Architect/Designer:	ADS Design
Contractor:	Douglas Roofing

"Alumasc Green Roof is the Quay to the Waterfront Regeneration"

A green roof has provided a distinctive and environmentally friendly solution for the new Brewer's Fayre pub & restaurant at Beacon Quay, Torquay.

The project is an excellent example of the way green roofs can be adapted successfully for all types of structures - including smaller buildings and sloping roofs.

Alumasc was chosen for the project because it offers a complete green roof system with all the components for this specialist area of construction. The drainage layer is a vital part of any successful green roof. A system of channels on the underside ensures drainage for water, troughs for retaining water for plants – even on sloping roofs – and holes that allow aeration to the roots and evaporation of water from the moisture mat underneath.

The roof comprises a sedum carpet finish on the drainage element, waterproof membrane which included a Hydroguard root barrier. The sloping roof features an extensive planting scheme created with a pre-cultivated sedum mat, which will require minimal maintenance and no irrigation. Extensive roofs are ideal for non-access areas as they are lightweight, economic to install while offering many ecological benefits for the surrounding environment.

Another key element in the roof is the waterproof membrane, chosen due to its extreme durability and longevity. This tough, self-healing flexible system is designed to last the lifetime of the building and its monolithic construction means there is no risk of water tracking or lap failure.



Alumasc Exterior Building Products Ltd provides a unique fusion of premium products, technical expertise and project support to the construction market. Alumasc's ZinCo green roof systems are designed to suit every type of roof structure from the

"Ecological Protection layer" provided by extensive landscaping, to the fully developed "Parkland on the roof" that can be achieved with Intensive landscaping. Green Roofs benefit the wider environment through their positive impact on sustainability, biodiversity and the attenuation of storm water, making our cities better and healthier places to live.