



VALLEYDALE MEWS, NORTHUMBERLAND

ALUTEC



Aluminium rainwater and eaves systems manufacturer Marley Alutec has provided full technical support and peace of mind to Space Architecture during the construction of a flagship BIM only project in Northumberland.

Valleydale Mews is a shining example of what can be achieved through BIM only construction and the support of expert suppliers with extensive technical knowledge. BIM is essentially a 3D model that provides highly detailed information about every component of a building and allows everyone involved to work from the same coordinated drawings. Found through BIMstore, an online collection of BIM components, Marley Alutec was chosen to supply aluminium guttering, fascia and soffits for the project because of its impressive BIM portfolio – the most comprehensive offering of any rainwater product manufacturer.

The small development of four timber-framed, low energy, sustainable dwellings is the flagship project for Space Architecture's latest product: the Spacehus. Taking just four months to complete because of the streamlined process, the properties are fitted with Marley Alutec's long lasting and sustainable Evoke fascia and soffit system as well as its Evolve Half Round guttering and downpipes, all in RAL 7016 anthracite grey colour.



Marley Alutec's Evoke range is manufactured from highly durable composite aluminium and has a life expectancy of 50 years or more, making it a cost effective alternative to timber, sheet aluminium or plastic eaves systems. What's more, the range features a unique nano self-cleaning coat resulting in minimal maintenance requirements.

The Evolve range of guttering and downpipes is manufactured from marine grade aluminium and achieves a similar life expectancy of 50 years or more. It is also extremely light whilst remaining strong assisting a quick and safe installation process.

Ryan Wigham, architectural technologist at Space Architecture, commented: "Choosing Marley Alutec to work on Valleydale Mews was easy, the comprehensive BIM portfolio allowed for a quick and detailed specification process. In particular Marley Alutec's technical department were great to work with: having supplied 2D drawings extracted from our BIM model, Marley Alutec did the rest and we had no need to go back with any amendments.

“Sustainability and aesthetics were also key requirements for this project, so it was vital that the rainwater and eaves systems delivered on these fronts as well. Marley Alutec’s products have impressive performance and sustainability credentials in addition to their contemporary style that fitted perfectly with our build ethos.

“We took advantage of Marley Alutec’s full turnkey service and are extremely pleased with the finished results. The build was a smooth, quick process and is something we will look to replicate in the future using BIM ready suppliers.”



<http://www.marleyalutec.co.uk>