

Ecofast Modular-Build Showroom

Case Study



Project data

Project: Modular-Build Showroom,
Graven Hill, Oxfordshire

Project outline: Graven Hill is the largest custom and self-build community in the UK, where up to 1,900 new homes, shops, cafes, pubs and a new school are set to be delivered over 10 years.

Modular Builder: Ecofast Systems Ltd

Products: Knauf AQUAPANEL® Cement Board Outdoor with the Knauf Render system, Knauf metal partition C Studs, Knauf MF Ceiling system, Knauf Wallboard, Knauf Moisture Panel with associated taping and jointing products.

Summary: New showroom at Graven Hill development featuring many Knauf interior and exterior components, including ceiling, partitioning and façade systems.

Ecofast Modular-Build Showroom, Graven Hill

Case Study September 2019

Full Knauf Specifications on Modular-Build Showroom at Graven Hill.

Modular builder Ecofast Systems Ltd is proud to unveil its new showroom at the new Graven Hill development near Bicester in Oxfordshire featuring many Knauf interior and exterior components, including ceiling, partitioning and façade systems.

Graven Hill is the largest custom and self-build community in the UK, where up to 1,900 new homes, shops, cafes, pubs and a new school are set to be delivered over 10 years. The new village has already started taking shape and has attracted considerable interest, including from well-known TV show *Grand Designs*.

Knauf solutions for offsite/modular construction projects

Paul Gladman, Director at Ecofast Systems Ltd commented: "We chose to use Knauf as we feel they are the best products on the market, especially Knauf AQUAPANEL® Outdoor which works well with our modular construction system."

Knauf has partnered with the Modular & Portable Building Association (MPBA) and the Structural Timber Association to help make it easier for specifiers to find the quality solutions they need for projects which employ offsite construction methods.

Houses ready in three days with high quality materials

Ecofast Systems Ltd decided to specify Knauf AQUAPANEL® Cement Board Outdoor with the Knauf Render system, Knauf metal partition C Studs, Knauf MF Ceiling system, Knauf Wallboard and Knauf Moisture Panel with associated taping and jointing products.

Paul added: "We have very much enjoyed using Knauf products. For Ecofast Systems Ltd, our most important priorities are speed, cost and quality so we needed a solution that would help us achieve those aims. Our modular system can deliver an entire house structure in just three days and using Knauf products meant we have been able to achieve fast finishing timescales."

Knauf AQUAPANEL® Cement Board Outdoor is a robust, impact-resistant and A1 non-combustible exterior render substrate which can be used as a high-quality economical alternative to traditional building methods such as brick and block. Once installed, taped and jointed, Knauf AQUAPANEL® Outdoor can be left for up to six months without applying the finish, allowing the internal fit out to start prior to completion of the cladding or render finish – ideally suited for offsite or custom and self-build construction projects.

Knauf plasterboards are durable and versatile plasterboards as well as quick and easy to install. Knauf Moisture Panel, a high-performance plasterboard, is able to withstand areas of high humidity such as kitchens, bathrooms and toilets.





Full System Performance Warranty

Using full Knauf systems with accessories, such as the Knauf AQUAPANEL® Outdoor and Knauf Render, as well as all Knauf Partitioning and Ceiling systems that have been used at Graven Hill ensures Ecofast Systems Ltd were able to benefit from the full system performance warranty from Knauf.

This provided Ecofast Systems Ltd with comprehensive support from the Knauf Technical Services Team both pre-site and during construction as well as the reassurance that they had been supplied with products designed to perform consistently for the lifetime of the system.

Richard Lord, Technical Development Manager – AQUAPANEL® added: “Knauf provided assistance with the specification of the Knauf AQUAPANEL® Exterior and the Knauf Render systems as well as advice on compliance with UK Building Regulations and New Build Insurance as Ecofast Systems Ltd are based in New Zealand and Australia. As a result, the partnership expanded to include not just the Knauf external products, but also the internal drylining and taping and jointing systems.”



The Ecofast Systems Ltd show home was completed in summer 2019 and is inspiring prospective custom and self-builders to turn their dreams of building their own home into reality. It is just one example of how Knauf helps to build for the world we live in every day.

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