

Modular eco homes are amazing spaces

Products - Ecopro Matt Emulsion, Claypaint,
Earthborn Wood Stain

Project - Echo Modules, Dumfries & Galloway

earthborn®

Designer Sam Booth has developed an exciting new concept in sustainable construction. His modular buildings can require little or no planning permission and are ideal for use as holiday homes, annexes and garden offices.



Sam said: "The buildings are designed around the principle of 9sq m sustainable timber modules that can be linked together to make larger spaces. Every product we use is specified for maximum sustainability, such as Earthborn paint and sheep's wool or wood fibre insulation.

Sam's prototype featured on George Clarke's Channel 4 series, Amazing Spaces. He had offered the concept to farmers George and Julie Nicolson as an alternative to a caravan for their fledgling holiday home business, Brockloch Bothy, in Dumfries and Galloway.

The ceilings and sections of timber wall were left untreated, to weather naturally. Earthborn Claypaint and Ecopro Emulsion were used in high wear areas and to create feature panels, the Emulsion being selected for kitchen and bathroom areas due to enhanced wipeability.

The success of the bothy's construction led to further orders from a range of customers and Sam now has a factory employing local people to produce his Echo Modules.

An "off grid" version was selected by Galloway Activity Centre for its new holiday homes on the shores of Loch Ken.

Richard Herman, Principal of Galloway Activity Centre said: "Our centre is situated within a UNESCO Biosphere Reserve and the Dumfries and Galloway Dark Skies Park, and we are keen to promote a simpler way of living with respect for the environment.



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“The sustainability of building products used in our bothies is very important to us, so Earthborn Claypaint was ideal. It was easy to use; we applied it directly to the wood and because it gives off no smells or harmful emissions the bothies were ready for occupation by holidaymakers as soon as we’d finished painting. I would recommend it unreservedly.”

Sam Booth added: “We specify Earthborn paints because of their high levels of breathability and outstanding eco credentials. Customers can choose from Earthborn’s collection of Claypaint, Ecopro Emulsion and Wood Stains and whether to have the walls completely painted or to use paint for feature panels.”

Earthborn paints and wood stain are not only environmentally friendly, but also very high performing. They give off no VOCs or harmful emissions, which means they help in creating a healthier environment for building occupants.

Claypaint is available in 72 standard shades, while Ecopro Matt Emulsion has 12 standard shades and Earthborn Wood Stain comes in 10 shades as well as clear. Bespoke colours can be developed by Earthborn’s nationwide network of stockists such as Celtic Sustainable and Old House Store which supplied these projects.

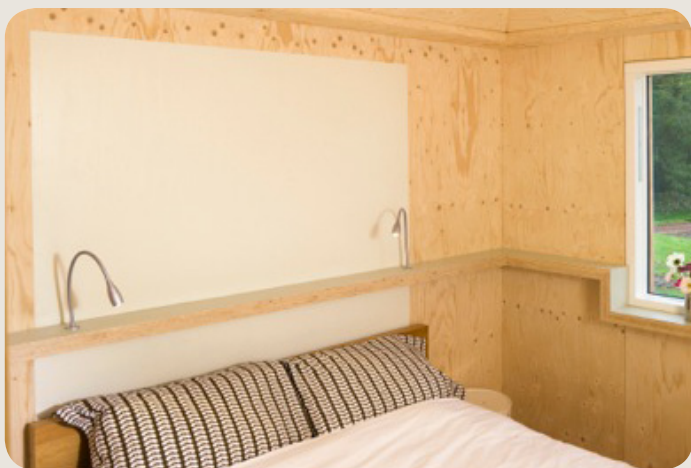
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Ecopro Matt Emulsion is an easy to use, environmentally sound alternative to conventional emulsions. Its unique formulation offers excellent covering properties and a durable, anti-static, breathable finish.

The advanced technology behind **Claypaint** maximises the natural properties of clay to create a high performance, highly breathable paint with a striking matt finish.

Earthborn Wood Stain is water based and breathable, yet totally water repellent. It gives a flexible finish that resists flaking and blistering and does not yellow with time.

(Photos courtesy of Echolving and Galloway Activity Centre)



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