

St. Astier natural hydraulic lime mortars in the construction of the Living Villages eco friendly houses

Eco Build The Living Villages Phase two of the award winning eco village 'The Wintles' nears completion.

The new phase is a cluster of nine houses. Each one is a unique design. Eight are spacious three-story structures with enormous windows and interiors that can be easily adapted to suit specific needs. They also have two story conservatories on the front facade. Together, they advance the Living Villages concept of ecofriendly, energy efficient homes a stage further. They are built to exceptionally high standards of both materials and workmanship. The first phase of the village has won awards for these high standards of eco-friendliness.

Each house has under-floor heating, solar panels, heat recovery systems, high performance triple-glazing, an internal vacuum cleaning system, broadband facility, a car port and private garden. These houses far exceed the new national standards for energy efficiency.



St. Astier Lime mortars and renders supplied by Lime Green have been used extensively on this development and on previous developments by the builder.



The St. Astier renders and mortars have been chosen for their aesthetic benefits, performance and primarily because of their reduced embodied energy and breathability over conventional cement based mixes.

A combination of different lime mortars has been used to coat the rendered elements of the properties, the first coat has been applied on to a metal lathing system, incorporating fibres. Brickwork was built with NHL 5 mortars. The bricks used in cavity walls and garden walls are reclaimed. Renders have used NHL 3.5 for the base coat and NHL 2 for finishing coats. Natural paints, also supplied by Lime Green*, have helped create fantastic colour schemes.

* Lime Green is the St. Astier distributor for the area.



Some houses have stone walls. Also these are built with a St. Astier Natural Hydraulic lime mortar.



For further information, contact your St Astier Distributor.

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