



Regency Homes Croydon, Surrey Case study

Project Data

- Project: The Island, Croydon, Surrey
- Project Outline: Development of a 20 storey block of one and two-bedroom apartments.
- Developer: Regency Homes Ltd
- Products: Knauf Plasterboard, Knauf Joint Filler, Knauf Airless Readymix Plasters, and Knauf Airless Primer Surfacers.
- Summary: An unfinished multi-storey development has been transformed into a prestige apartment block with the aid of Knauf Airless Readymix Plasters.



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Regency Homes, Croydon Case Study October 2014

Knauf Airless is a breeze on The Island

An unfinished multi-storey development has been transformed into a prestige apartment block with the aid of Airless Readymix Plasters developed by Knauf – the UK's leading manufacturer of lightweight building materials and systems. The Island, a 20 storey block of one and two-bedroom apartments, occupies a prime position near the town centre of Croydon in Surrey, and offers buyers top quality features such as underfloor heating, multi-media cabling throughout and an 'Excellent' rating for Eco Homes.

Construction began in 2007, but halted when a subsidiary of the original developers, Phoenix Logistics, went into administration in 2011. New owners rescued the development and appointed Regency Homes Ltd who managed to get the site up and running again in May 2013.

"The concrete frame was 90% complete and the glazing was just 60% complete so there was a lot of work left," commented Jason Harris, Project Manager for Regency Homes Ltd. "We needed a method of plastering that was swift, efficient and didn't hold up the following trades."

Knauf arranged a demonstration of Knauf Airless Readymix Plaster, which provides a smooth finish and is applied using an airless high pressure piston pump machine, together with Knauf Airless Primer Surfacer in one of the show flats being prepared for prospective buyers and the Regency Homes

team was convinced.

"We liked the speed of application, the finish and that it took so little time to cure before it could be primed and painted – in fact there was no need to paint the ceilings once the primer was on," said Mr Harris. "Also, by using Knauf products throughout, we had a system that was 100% Knauf and so all the drylining and plaster work was backed by Knauf's warranty."

In total, development involved 55,000m² of Knauf Plasterboard, 500 bags of Knauf Joint Filler, 90 tons of Knauf Airless Readymix Plaster and 1000 tubs of Knauf Airless Primer Surfacer.

Knauf's range of ready-mixed spray plasters enable up to 1,000m² per week to be finished by a three man gang, and surfaces can be emulsioned within 24 to 48 hours, so the plaster can be applied by the same teams applying the paint finishes. Every finishing need is met by the four products in the range – Knauf Airless Backing, Knauf Airless DuraDeco, Knauf Airless Finish and the hard-wearing primer Knauf Airless Primer Surfacer – which provide all that is required to deliver a matchless surface in a fraction of the time required by traditional means.

Knauf also produced a comprehensive design pack that described in detail the 16 different types of partition to be used throughout the project. It specified Knauf Performance Boards such as Knauf Performance Plus, Knauf Sound Panel and Knauf Fire Panel; to provide fire resistance ratings from 60 to 120 minutes and acoustic performances that ranged from 42Rw dB to 65Rw dB.

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