

CASE STUDY

External Wall Insulation

Heating



"Our priority was to tackle fuel poverty and EWI offered the best way forward. We were delighted to have such a great design and build team to undertake the project and have received an enthusiastic 'thumbs up' from residents'."

ANTHONY CROSS,
OPERATIONS DIRECTOR FOR CIRCLE
HOUSING-RUSSET



CIRCLE HOUSING GROUP - RUSSET



SOCIAL HOUSING

Circle Housing Group subsidiary Russet awarded their external insulation project to Anглиan Building Products to improve the energy efficiency of their properties and thermal comfort for their residents.

The 39 property pilot project was designed to enable Russet to monitor and evaluate the energy efficiency of their properties post insulation. Works involved the installation of external wall insulation, partial and full upgrades to the central heating systems, fascia, soffit, GRP canopies and top-up loft insulation.

The Wetherby Building System specification called for the mechanical fixing of 80mm phenolic insulation boards to the outer walls. The walls were then completed with one of a range of finish options including: a silicon render, brick slips, tile effect render, original tiles and PVC-u cladding.

PROJECT STATISTICS

2,015m² of insulation board

2,340m² loft insulation

39 boilers & 351 radiators

1,170m of pipework

74 low-energy extractor fans

270m fascia & soffit

27 door canopies



Range of finishes
available.



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The works were carefully programmed to minimise the disruption to residents and due to the multiple specialist trades involved, up to five different tradesmen were working on a home at the same time.

A dedicated Resident Liaison Officer managed the whole customer experience, which started with an Open Day. Ongoing resident support included a series of home visits, newsletters and a comprehensive information pack.

Special assistance was provided to clear out the residents loft space and temporary electric heaters were provided during the winter months.

Energy meters were installed to a selected number of properties, prior to the award of the contract so Russet could remotely monitor if the predicted energy usage savings were realised. The evaluation period ran over 12 months and the results gained helped Russet determine how they tackled their remaining solid wall construction properties.

"I didn't think it would make that much difference but it has, particularly to my granddaughter's room – she can play in there now which is great"

MR JENNER, RESIDENT.

"It's amazing the difference it has made, the walls used to be damp to the touch and now it's so warm, it's like the tropics"

MR & MRS ADONI, RESIDENTS.

THE PROJECT

Client	Circle Housing Group - Russet
Contract	Wimpey No Fines Homes - External Wall Insulation Retrofit and Associated Works
Sites	Trench Wood, Hingham Wood, Longmead and Hadlow Estates, Tonbridge, Kent
Main Contractor	Anglian Building Products
Joint Venture Partners	BSW Building Services, WarmSpace
Project Value	£695K

Please contact Anglian Building Products
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