

## Whole House Energy Efficiency Solutions from Aran Services

## Profile

A three-bedroom end-of-terrace solid-walled house in Bury St. Edmunds, Suffolk. *Problem* 

Using vast amounts of wood and coal in a wood-burning stove and night storage heaters left Shirley Grimwood with high energy bills and a house which didn't hold the heat in. Condensation and damp were also issues.

## Solution

Weber Therm XM 60mm phenolic foam(external solid wall insulation) was applied to every external wall except for the portion covered by the front porch and rear conservatory. Scaffolding was used to access wall areas above the porch and conservatory.

On top of the 60mm phenolic foam insulation was a meshcloth layer, a render layer and synthetic colour finish. Leaving a finished depth of 70mm.

## Benefit

A warmer, drier, more comfortable home. Less condensation and a home which retains its heat well into the evening. A reduction in wood and coal use than in previous years and haven't turned the electric heater on in the lounge all winter.





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70mm window reveal