

Retrofit - work on an existing building to make it more energy efficient.

Example 2 3-bed Semi-detached in Garforth



What had you done already? (House bought in June 2022)

Double Glazing - Replaced the old double glazed windows which were draughty due to shrunken seals and had issues with the locks and handles due to wear and tear as they were 30 years old.

Effect: A lot less draughts!



Loft insulation - Added extra loft insulation as there was only 100mm in place which didn't meet government guidelines. We are in process of installing 300mm plus and ensuring adequate ventilation.

Effect: Still in process so difficult to say as yet.



Other - The house already has cavity wall insulation which is good, and a gas boiler which is 13 years old but working well. We have recently had it serviced.

What have you considered since taking independent advice?

Replacing the double glazing and increasing loft insulation as above were both as a result of advice received.

Effect: A less draughty house.

Light bulbs are old style incandescent ones, so we were advised to replace these with LED ones.

Effect: These would save money and last longer.

Ventilation - To install an extractor fan in the bathroom.

Effect: Avoid problems with damp.

What are your next steps and why?

Insulate Floors - With good quality underlay if and when replacing carpets.

Air Source Heat Pump - Install one to replace gas boiler if technology continues to improve and costs come down.

Cavity Wall Insulation - We think the front of the house may not be filled so plan to borrow Eco-Friendly Garforth's thermal imaging camera to check.