

Retrofitting in Pershore

The upcoming retrofitting scheme from the government:

The government has started the retrofitting scheme and the details are here:

<https://www.gov.uk/guidance/apply-for-the-green-homes-grant-scheme>

This first part of the scheme may have limited benefit to job creation in West Worcestershire. All trades people that can carry out the voucher scheme retrofitting must be registered with Trustmark organisation so that work meets good standards. There are very few organisations in West Worcestershire registered with Trustmark. Perhaps some tradespeople will join and thereby act to improve their standards.

Navigating the scheme proves challenging but once one has found tradespeople registered with Trustmark they are able to give some guidance. It was possibly more difficult to research prior to being finalised. It is not finalised yet. Possibly the most helpful internet guidance is in

It is worth pointing out that there have been scam attempts. Hopefully the Trustmark scheme will prevent their success.

The key issue is the voucher scheme ends in March 2021. And this is a real problem for getting the work done on time.

Huge thank you to Helen Oldham for this information (edited slightly by Dan as more information came along).

Information on Fitters and companies that can help with making houses more efficient

Details on Fitters from Helen Oldham

Worcester Renewables Ltd (TradeMark MCS) Licence Number: 216444

Licensed Trades:

- Solar Panel Installers (PV)
- BioMass Boiler Installers
- Heat Pump Installers (Ground & Air)
- Solar Panel Installers (Thermal)
- Air Source Heat Pump Installers
- Ground Source Heat Pump Installers

Contact: 01386 871 490 <http://www.worcesterrenewables.com> Address: Harbour, Atch Lench Road Church Lench EVESHAM Worcestershire WR11 4UG

Details from Duncan Bell (information on work also provided by Duncan)

Simon Kirton, Zero Energy Architecture

Studio 5, The Fold, Bransford, Worcester, WR6 5JB.

Phone: 01886 487488.

Mob: 07976 970356.

Email: simon@zeroenergy-architecture.com

Web: www.zeroenergy-architecture.com

From: Simon Kirton

Regards which to consider first, heat pump or more insulation, I think you would be best advised to determine the various U values of your existing building and then generate a heating load for the proposed new heat pump installation.

The heating load will take the thermal efficiency of the building into account, together with the means by which this heat is applied to the building.

The most efficient way of introducing heat pump heat (low temperature heat) into a building is via an underfloor heating system, which will operate at approximately half the temperature of a conventional low pressure hot water radiator system.

Ensuring that you have an efficient and air tight building will be very important to the thermal comfort of the building.

I usually work on commercial developments much larger than the typical UK home.

I can come and survey your home (at a cost about £70 per hour) and draw up a plan of retrofit actions for you which will help you avoid making very expensive mistakes if you try to retrofit without a plan.

I trust this helps. Kind Regards. Simon.

Insulation local contractors

the plasterer that I contracted to help me fit the insulated plasterboard internal wall insulation was:

Mr Graham McGregor, trading under business name "Gmac Plastering"

Tel: 01905 947576.

Mob: 07458 165580.

Email: GmacPlastering@Checktrade.co.uk

Graham said that he'd be happy to do this kind of insulated plasterboard job again.

The insulated plasterboard was 50mm isocyanate foam with 12.5mm plasterboard.

I think gyproc brand, bought from Jewson, but for a small job such as my house extension requiring ten sheets one has to chase round and take what can be got and delivered in a reasonable time.

Ten sheets are about £700.

Some companies quote the thickness as foam plus plaster, others by just the foam thickness which can confuse price comparisons.

adhesives for sticking insulated plasterboard to the wall:

For smooth surface use acrylic sealant adhesive,

For rough surface use plasterboard adhesive.

I bought some of the bespoke insulated plasterboard fixing "screw nails" to fix the insulation to the walls, but I found these "screw nails" were significant over-kill and more hassle to use than the adhesive which was easier to use and has done the job well.

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Our products fit either existing sash or hinged window designs.

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10 Year Guarantee

Address: Omnia One, Queen Street, Sheffield S1 2DU.

Tel: 01142 945018.

Email: info@clearviewsg.co.uk

Web: www.clearviewsg.co.uk

Sash window restoration and replacement

Heritage Sashes

Full Restoration, Repair & Draught-proofing service for Timber frame sash Windows.

Double Glazed Sashes for improved insulation.

Hazeland Farm House, Netherton Lane, Abberley, Worcestershire, WR6 6BS.

Phone: 01299 890385.

www.heritagesashes.co.uk

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Insulation solutions for period properties

Find out about our secondary glazing approved for listed buildings.

If your original windows are beyond restoration we can also fit new, high specification windows that will match the others in your period home.

Studio K, Caddsdawn Industrial Park, Bideford, EX39 3DX.

Phone: 01237 429826.

Other offices in Bath and Bristol.

www.cosyhomecompany.co.uk

Loop Energy Monitor

I know a climate scientist in the Met Office who bought a gas and electricity monitoring system for his home from "Loop Energy Saver."

He says the Loop system is much better and more useful than smart meters. The Loop monitor has a better display unit. Using the Loop system you can download the electricity and gas usage data to a computer, analyse it and make good graphs and see what is happening in ways that smart meters just don't show.

The Loop system is independent of utility companies, so it keeps working if you switch utility companies, whereas the first generation of smart meters stopped working if you switched utility company.

Loop Energy Saver

Loop Energy Saver tracks electricity and gas use in your home, so you know in real time how much energy you are using.

17A Deben Mill, Old Maltings Approach, Woodbridge, Suffolk, IP12 1BL.

Phone: 01394 385363

Email: contactus@your-loop.com

www.loopenergysaver.com

Centre for Alternative Technology: Whole House Eco Retrofit leaflet

Published June 2020

<https://www.cat.org.uk/info-resources/free-information-service/building/eco-retrofit/>