

Climate Mitigation Measures

Site Location: 3 THE OLD SCHOOL, STOCKS BANK ROAD, MIRFIELD, WEST YORKSHIRE, WF14 9QD

Proposals: INSTALL CONSERVATORY TO THE FRONT OF THE PROPERTY

Considerations

Waste Water Management

We can confirm that storm water management is the only form of wastewater disposal applicable to our proposals. There will be no grey water waste or water producing appliances to be installed in the proposal.

It is currently proposed to link it into a soak away, however if deemed necessary we would use a water butt to capture water for re-use in garden irrigation. We would use a 100l Travis Perkins style water butt with capture reservoir and tap in the down pipe. This would reduce the volume of discharge surface water going into the ground and would be of benefit during the months when water shortages can be an issue.

Energy Efficiency

All of the windows and doors used in our Anglian Living Spaces are double glazed to ensure the best energy efficiency.

It is proposed to use solar glass in the roof of the proposed conservatory to ensure the best U Value is achieved.

Sustainability and Renewable Energy

Anglian also has a commitment to sustainability and renewable energy where possible, below is our Sustainability and Renewable Energy Statement.

Sustainability and Renewable Energy Statement

Wherever possible Anglian Home Improvements will recycle all waste, whether this be from our own factory or from the removal of existing products, such as windows and doors.

Anglian is certified as an accredited recycler for the UK Recovynyl Initiative.

Recovynyl is an initiative of the European PVC industry to advance the sustainable development of the PVC industry by improving production processes, minimise emissions, develop recycling technology and boost the collection and recycling of waste.

The primary materials we recycle are PVCu, Glass, Steel, and Aluminium & Wood.

This benefits the environment, as it takes far less energy to produce new products using this method than it does creating the product from scratch.

For example, old PVC-U windows are returned and by working together with a company that specialises in collecting and recycling waste PVC-U, they are recycled. Any glass, hardware and metal reinforcement is removed from the old window frames and is itself recycled.

The PVC-U is chipped up and then sorted using a variety of advanced sorting equipment that removes most of the gross impurities; it is then pelletised into recycled PVC-U before being supplied to other PVC-U extruders for recycling into a wide variety of products like electrical conduit, piping and other long life building products. As part of our recycling policy we also use recycled PVC-U in our own windows, this is used on a concealed area of the frame which abuts the brickwork so is completely non-visible. This material has undergone the same exacting British Standards testing as our virgin PVC-U and therefore doesn't reduce performance or strength.



Recycled PVC-U.

PVC-U has a long lifespan and can be recycled many times. The Building Research Establishment (BRE) has estimated that it can be recycled as many as 7 times during its 200 year lifespan.



Our conservatories and extensions are designed and insulated achieve the maximum available u-values and G-value. The U-value is the thermal transmittance through the glass and concrete, measured in kilowatt hours, per square metre per year. The G-value is the solar Factor. This is the amount of energy gained through the glazing. Equally we also ensure the L-value, which measures the air leakage through the glazing is as close to zero as possible. The combination of the U, G & L value amalgamated together ensures we provide the best window energy index possible.

Whilst this is no specific renewable energy sources forming part of the installation, the combination of recycled materials and energy efficiencies ensures our installations are designed to conserve as many natural resources as possible and keeps the ecological footprint measurement to a minimum.

A Green Deal. We are likewise proud to say we are officially a Green Deal Provider for glazing installations. We develop cutting edge, energy saving products and are committed to continuing to improve the energy efficiency of Britain's homes.

