



Residential Conservatory Groundwork Construction in Leicester



Leca® Underfloor Insulation all-in-one insulation and infill solution is helping a Midlands conservatory specialist Newlook Windows of Leicester to speed up construction and win over energy-conscious customers.

Over the past five years, Newlook has well over 5,000 bags of Leca® Underfloor Insulation in the foundations of more than 200 new conservatories.

Providing foundation fill and insulation in 'one hit', Leca® Underfloor Insulation is supplied in ready-to-install bags containing approximately 15 kg of a special insulating lightweight aggregate which is manufactured by expanding clay at high temperatures.

FACTS

Amount of material: 5000 bags of Leca® Insulation Fill

Interesting Fact: The 50-liter bags are placed in the foundations, with gaps filled using loose Leca® Underfloor Insulation, before installing a damp-proof membrane and concrete slab. Newlook has also successfully used this solution for projects with piped or electrical underfloor heating.

Delivery Method: 50L Bags

The 50 litre bags are simply laid in the foundations and the gaps infilled with loose Leca® Underfloor Insulation, prior to the installation of a damp-proof membrane and concrete floor slab. New Look has also used the solution successfully for projects featuring either piped or electrical underfloor heating.

After digging out, one operative can install the insulating bags for a standard conservatory in as little as 30 minutes. Newlook, one of the first UK conservatory companies to use bagged Leca® Underfloor Insulation, has calculated that they typically trim build time by around one day when compared with traditional fill methods, save substantial amounts on labour and ensure that its staff work well within health and safety lifting limits.

Explains Jay Ellard, Newlook's Installations Manager and Surveyor: "They are so easy to move around, especially where we have to negotiate narrow passageways and garages. There is no need for machines because the material does not need to be compacted and the material costs are offset by savings in labour."

Growing concern among customers about rising energy costs, environmental issues and the need for effective insulation also provide a selling point for New Look.

Adds Jay Ellard: "When we show customers how we approach construction using new technology like this, they are very impressed. The insulation value we achieve using maxit bags and things like energy-saving glass helps to sell the product."

"The overall benefits both for our company and for the end user makes this method of insulating and filling conservatory bases a cost-effective solution."