

Insulate your home with minimum fuss and disruption

Ultrotherm is an internal insulation system for solid walls. It allows walls to be insulated without costly alterations to skirting boards, windows, covings and radiators.

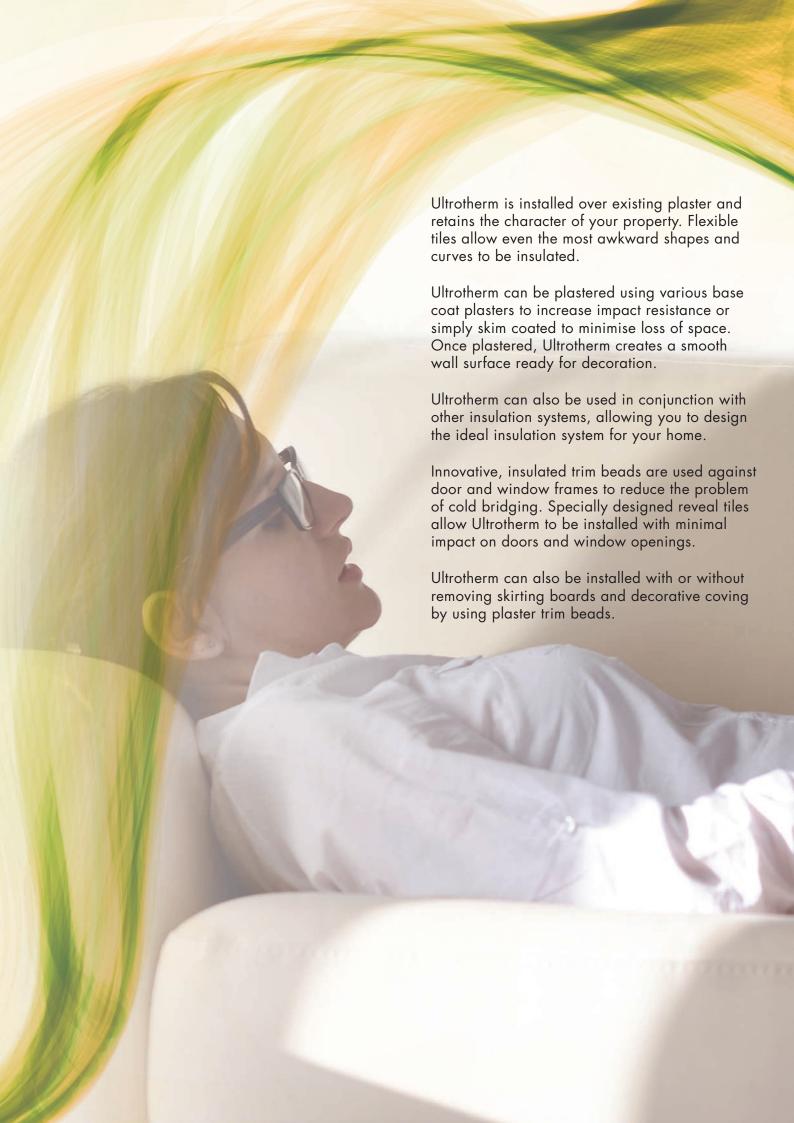
Although only 12mm thick, Ultrotherm typically improves the thermal resistance of solid brick walls by 40%, creating a more comfortable living environment and reducing energy bills.

Ultrotherm meets Building Regulations for use where it is not functionally or technically possible to install thicker insulation systems.

With an expected service life in excess of 25 years, Ultrotherm offers a long-term and practical solution to energy efficiency.

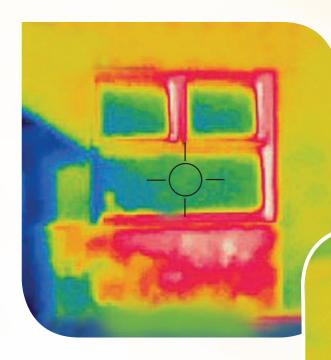


Thermal resistance tested conducted by The University of Salford MANCHESTER (ÚKAS approved test centre)



Installing Ultrotherm provides immediate benefits. Unwelcoming, cold rooms are transformed into comfortable, warm spaces. Warmer rooms also provide a healthier environment and reduce the risk of unsightly mould.

Increase the comfort of your home and reduce energy bills



Heat loss through an un-insulated solid wall

The same wall following application of Ultrotherm



Installing Ultrotherm allows you to turn down your heating thermostat and reduce the cost of heating your home.

Cost Savings in typical properties

		Fuel Cost Savings (£ p.a.)	
Property type	Bedrooms	Gas	Electricity
End terrace house	2	136	444
Semi-detached house	3	115	3 <i>7</i> 6
Detached house	4	414	1350

Typical energy cost for gas and electricity

Fuel	Cost (p/kWh)
Electricity	14.5
Gas	4.45

Obtained from DECC, National Statistics Publication (2012). Figures based on 9" solid brick walls.

All calculations provided by The University of Nottingham Environmental Technology Centre





Caring for the environment by reducing carbon emissions

Insulating solid walls increases their thermal resistance and reduces heat loss. Carbon savings are achieved through the reduced use of heating including gas and electricity.

Poorly insulated walls allow heat to escape into the atmosphere, adding to the problem of global warming.

Ultrotherm is manufactured using existing technologies and recyclable materials.

Carbon emission savings in typical properties

		Emission savings (kg CO2e p.a.)	
Property type	Bedrooms	Gas	Electricity
End terrace house	2	626	1806
Semi-detached house	3	530	1530
Detached house	4	1903	5493

Carbon emissions from gas and electricity

Fuel	Emissions (kg CO2e/kWh)
Electricity	0.58982
Gas	0.20435

Carbon emissions obtained from DECC's GHG Conversion Factors for Company Reporting. Factors for 2012. Figures based on 9" solid brick walls.







www.safeguardultrotherm.com

The Ultrotherm logo is a registered trademark
Ultrotherm is a European Community Registered Design 001992983- 0001/2/3/4
Patent Pending

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