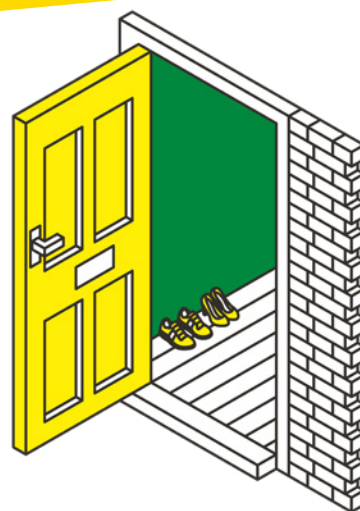


HOW TO RETROFIT YOUR DOORS AND WINDOWS

Doors and windows can improve thermal comfort but should follow fabric insulation measures.

Wall insulation is more effective due to its larger coverage and heat retention. Replacing windows after insulation also ensures better alignment, helping reduce air gaps and improve overall energy efficiency.



What are replacement doors?	Often, older wooden doors swell and no longer fit the existing frame, a replacement can help improve your home's thermal comfort. New external doors typically contain integrated insulation to reduce heat loss.
How is it installed?	The contractor will measure the door opening, adjusting if needed, fit the door, and install new hinges, locks, and handles.
How disruptive?	Doors should be replaced within a day with minimal disruption
Right for your home?	If funding allows, replace draughty, damaged doors. Otherwise, improve existing ones with draught-proofing strips around seals and the letterbox.
Ventilation?	A ventilation assessment for the property needs to be considered. If the insulation is improved in the doors, and not other areas, the surface temperatures of other areas becomes colder and risks increased condensation. Internal doors should have an undercut to aid cross-ventilation.

TOP 3

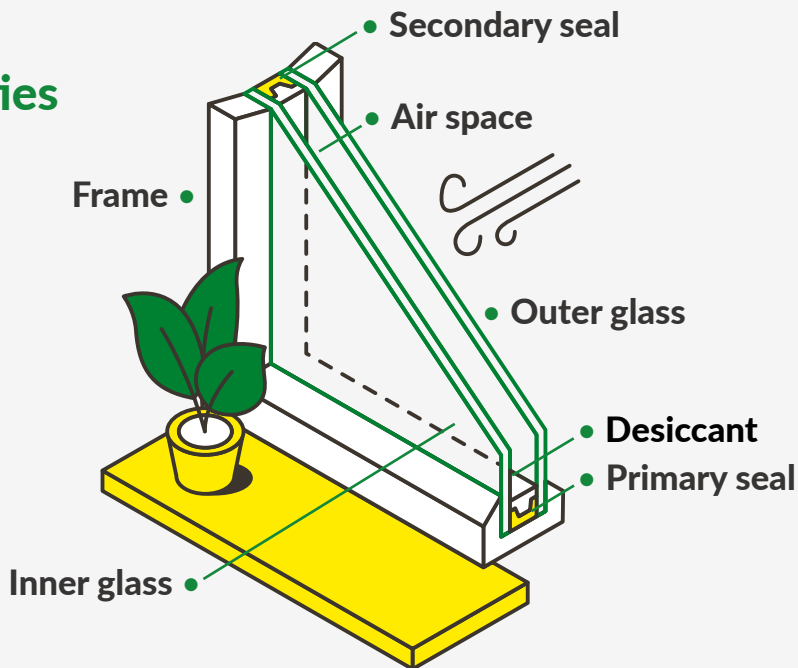
Benefits of improved windows and doors

1. Reducing heat loss, making a warmer and cosier home
2. Potential energy savings and a reduction in carbon emissions
3. Reducing noise in your home



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Current funding from local authorities is typically for the replacement of single glazing with double glazing.



What is double glazing?	Double glazing is a window that has two panes of glass. The main component of the window is the double-glazed sealed unit that has two sheets of glass separated by a spacer bar to create an air gap which is filled with an insulating gas. The primary benefit of double glazing is thermal insulation. It retains heat in a room whilst stopping cold air entering from outside to make the room more energy-efficient. Triple glazing is now available and is becoming more commonplace as costs fall.
How is it installed?	Existing windows would be removed and the opening would be cleaned. The installer would apply flashings for waterproofing and check to make sure the opening is level. The new windows are fitted, with caulk applied to seal the window.
How disruptive?	Depending on how many windows need replacing, the project should take between one and five days. It is only a short amount of time when you'll be inconvenienced compared to the benefits you'll enjoy from your new windows for many years to come.
Right for your home?	If single glazing is present and most larger insulation measures have been completed, double glazing is suitable for your home. Heritage and local planning issues could stop the replacement of windows where the property is listed or even a traditional construction.
Ventilation?	Double glazed windows will improve the overall insulation of your property, so a ventilation assessment for the full property needs to be considered. This is because if we improve the insulation in the windows and not other areas, the surface temperature of the other areas will become colder and increase the risk of condensation. Windows might need to have trickle vents to allow for ventilation in your home. Your retrofit team will advise you on what is best for your home.



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Find out more by visiting www.groundwork.org.uk/getenergyhelp or scan the QR code.

