



HEATED GLASS



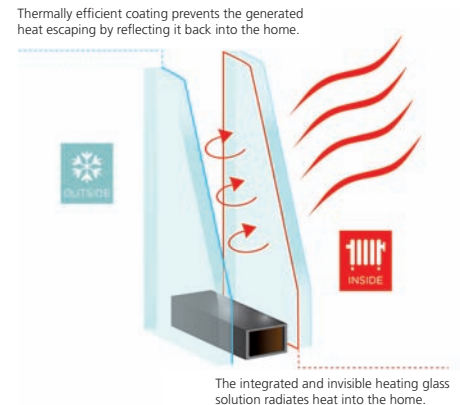
glow Heated Glass
for Bi-Folding Doors

GLOW HEATED GLASS is the latest innovative technology to take the glazing industry by storm

With over 20 years manufacturing experience and continuous research and development within the glass industry we are able to combine the very latest technology with consumer's expectation to become the UK's first company to offer heated glass for Bi-folding doors.

Glow heated glass comprises of a sealed unit that is layered with intelligent invisible conductive coatings which is electrically heated to convert electric power into radiant heat. Glow is incorporated into aluminium bi-folding door systems which include enhanced security multi-point locking mechanism, and child friendly gaskets which prevent fingers being trapped, giving you peace of mind with regard to your family's safety.

Glow is the perfect product and set to be a must-have feature in the design of modern day homes, extensions or home renovation projects.



ENERGY EFFICIENT

glow Heated Glass for Bi-Folding Doors

The electrically heated glass units are thermostatically controlled creating ambient temperatures which are perfect for installation in Bi-folding doors reaching glass surface temperatures of 35-40°C. For the first time a realistic alternative to radiators, electric fires or under floor heating systems is available either as the main or an additional source of heating for your home

Available in a range of opening configurations and colours which can fold inside or out, to suit any household.



CREATE SPACE

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Glow can replace traditional radiators, offering an alternative and potentially more efficient heating source. This technology has been designed to emit radiant heat rather than convection heat, so it warms up people and objects rather than just heating an empty space. Homeowners can benefit from a more efficient use of space without the need for radiators, potentially creating a more aesthetically pleasing and functional living space.

Installation costs for Glow are lower than underfloor heating or traditional radiators, making it a more affordable option for consumers. It is controlled via a wall mounted thermostat, offering convenience and ease of use for homeowners.



REDUCE CONDENSATION

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An added benefit of Glow is it dramatically reduces condensation, preserving uninterrupted views and potentially contributing to a healthier indoor environment.

No ongoing maintenance is required, providing a hassle-free heating solution compared to systems that need regular servicing.

The use of Glow heated glass emits less carbon compared to traditional heating systems, aligning with eco-friendly practices.



Normal Glazing

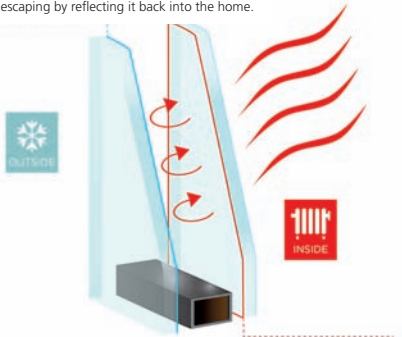


Glow heated glass showcases outstanding thermal efficiency, with a U-value of 1.2 W/m²K for double-glazed and 0.8 W/m²K for triple-glazed installations. Furthermore, it provides laminate options that adhere to the specifications set forth in Document Q (Doc Q). This diverse set of thermal and design attributes ensures that Glow not only excels in temperature control but also aligns with essential standards for both architectural and regulatory compliance.



AT A GLANCE:

Thermally efficient coating prevents the generated heat escaping by reflecting it back into the home.



The integrated and invisible heating glass solution radiates heat into the home.

- Alternative to radiators, fires and underfloor heating systems.
- Comfortable heating solutions and energy savings.
- Optimisation of space.
- Reduces Condensation
- Low Running Costs
- Glass surface temperatures upto 40° C
- Compliant with Future Homes Standard
- Maintenance Free
- 1.2 W/m²K / 0.8 W/m²K U-Value
- Manufactured in the UK

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TUFFX
GLASS MANUFACTURERS