

# Bayertherm®

Low-energy windows  
Passivhaus windows

[www.bayertherm.co.uk](http://www.bayertherm.co.uk)



Supported by:  
 Federal Ministry  
of Economics  
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on the basis of a decision  
by the German Bundestag

## Bayertherm®



SCHREINEREI  
GLASEREI  
FENSTERBAU

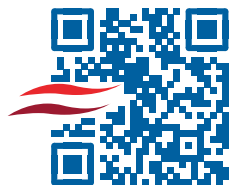
Bayer

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**NEW**

✓ SAVE  
ENERGY

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# Bayertherm® Windows save energy



The new **Bayertherm®** windows make energy-efficient renovation child's play. The triple-glazed sliding sash windows are the highlight of the year on the renovation market. Do you have a facade you wish to preserve, one that may be subject to strict regulations in a conservation area, but still wish to renovate to meet cutting-edge standards in energy saving? If so, you will need windows with excellent thermal performance. The **Bayertherm®** windows are tailor-made to suit your requirements, while preserving the traditional look of a historic facade. At the same time they achieve market leading insulation standards with a **U-value of 0.81**, which help to significantly reduce costs of energy. The sophisticated mechanics that work in the background mean that size is simply not an issue for the **Bayertherm®** windows (max. load-bearing capacity of the fittings: 330 lb/150 kg).

The **Bayertherm®** windows were specifically developed by Carpentry Walter Bayer e.K. for historical buildings and buildings under heritage-protection orders. In general, historical buildings do not correspond with any standard in place today. This is why **Bayertherm®** windows are designed entirely to meet customer wishes.

Consistent sourcing of high-quality products for environmentally sound and energy-saving housing is a major concern for the family business from the Black Forest. As a specialist for individual window solutions, the carpentry has become a household name beyond the German borders. Joining forces with the British office of architects bere:architects and the window manufacturer Double Good Windows, projects in the construction of passive houses have been successfully completed in Great Britain. In addition, the carpentry receives funding from the Federal Ministry of Economics and Technology in the field of innovation.



# Bayertherm® Low-energy windows

Experience optimised insulation values coupled with an individual design and properties in the **Bayertherm®** low-energy windows.



### Environmental protection

Materials from ecological production such as water-soluble varnishes and paints



### Special wishes

Solutions such as rustproof fittings, increased burglar-resistance or adjustments to suit extreme climatic conditions



### Top eye-catchers

Specific adjustments such as transom windows, special fittings or surfaces to suit customer wishes



### Individuality

No defined standard sizes to ensure tailor-made solutions



### Triple-glazing

Heat-absorbing glazing for excellent thermal insulation thanks to a U<sub>g</sub> value of 0,6 using warm edge spacers



### Regional focus

Processing of indigenous woods in composite heat-insulated systems



### Flexibility

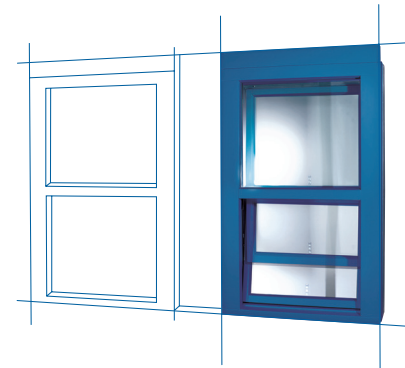
Outstanding mechanics ensure that the sash windows can be positioned at any elevation



Available as  
**Tilt & Turn windows** also



# Bayertherm® Passivhaus windows



The development of **Bayertherm®** will continue: Carpentry Walter Bayer e.K. has set itself the goal of further development of a window with Passivhaus certification for historical buildings and those under urban-heritage orders. The **Bayertherm®** Passivhaus window will be launched this year.

**>>> Find out more about the Bayertherm® Passivhaus window under:**  
[www.bayertherm.co.uk](http://www.bayertherm.co.uk)