



RAPIDVENT[®] WINDOWS

OPTIMISING VENTILATION WITHOUT COMPROMISING SAFETY

Natural ventilation and a constant supply of fresh air in any commercial facility is essential.

Designed and manufactured exclusively by Britplas, Rapidvent[®] windows give building users complete control over fresh air flow in buildings, whilst ensuring safety and security even when windows are fully opened.

When the sash is open the window-ventilator design allows the flow of fresh air and daylight to enter the space, providing both comfort and a stimulating environment for the building's users.

The Rapidvent[®] window system enables new and existing buildings to lower their energy consumption, bringing significant environmental and cost savings, by opting for non-mechanical or mixed-mode ventilation.

The clever design of the Rapidvent[®] is based around a horizontal sliding window system which comprises a double-fronted outer window and a free-sliding internal sash. The outer window has one glazed section and one filled with durable, see-through stainless steel mesh, providing security whilst preventing the passage of people, vermin or insects.



A MULTI AWARD-WINNING COMPANY
FABRICATING WINDOWS, DOORS, CURTAIN
WALLING AND FENCING SYSTEMS FOR
ANY COMMERCIAL PROJECT.

 **britplas**





RAPIDVENT® WINDOWS

CONTRIBUTING TO BREEAM 'EXCELLENT' PERFORMANCE STANDARD

Increased Natural Ventilation

Reduces the need for mechanical ventilation throughout a new or existing building.

Lower CO₂

Ensures levels of focused attention are not affected by increased levels of CO₂

Cost Saving

Non-mechanical or mixed-mode ventilation significantly reduces build and energy costs

Stimulating and Sustainable

Low cost, highly efficient and sustainable solution to fresh air and climate control, reduces the need for expensive fans or stacks with a **Green Guide 'A' rating**.

PROVEN DESIGN

Britplas commissioned the global design, engineering and management consultancy, WSP, to undertake a Technical Performance Study of the new Rapidvent window.

The tests explored internal temperature, ventilation rate, air quality and daylight. The results were overwhelmingly positive and showed the Rapidvent will deliver:

- 10°C reduction in peak internal temperatures
- 50% lower concentration of CO₂
- All building requirements achieved passively
- Daylight and 'See Out' performance is good



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**THE NEW RAPIDVENT WINDOW IS PROVING TO BE A
KEY COMPONENT IN THE CONTINUING DRIVE TOWARDS
SUSTAINABLE, ENVIRONMENTALLY FRIENDLY
COMMERCIAL BUILDINGS.**