

THERMAFOLD

Bifold Doors

Bolton Gate's Thermafold 1000 insulated folding door combines energy saving qualities with a high aesthetic appearance. It is designed for use in openings up to 6000mm wide and 6000mm high and is particularly suitable for applications where a bottom track needs to be avoided such as railway depots. Its ease of operation allows the door to be manually operated, unlike upward moving doors such as sectional overhead and rolling shutters, particularly on larger openings.

The operation is simple and avoids the need for cables, springs etc., thus avoiding high maintenance after installation, and the fact that the door is sideways opening means that the leading edge is in constant vision and less prone to damage from vehicles passing through the opening.



STANDARD SPECIFICATION

Panels

The door panels are constructed from galvanised steel and are infilled with a high-density insulation material. The panels are typically 40mm to 65mm in thickness and are manufactured in various designs to suit clients' individual requirements.

Tracks

The compact top guide track keeps headroom to a minimum and the door is supported on floor bearings at each side obviating the need for a bottom track, thus allowing a continuous floor surface.

Door Arrangements

The standard arrangement comprises a pair of panels each side but the door is also available as a single or in a 1+2 configuration.

Locking

Manual doors are fitted with espagnolette bars operable from inside and supplied with a lock cylinder and keys.

Thermal Insulation

The door panels provide a "u" value of 0.47 w/m²/deg.C.

MAXIMUM SIZES

Singles: 3 metres wide x 6 metres high
1+2 Arrangement: 4.5 metres wide x 6 metres high
Pairs: 6 metres wide x 6 metres high

OPERATION

The standard version is manually operated with electrical operation an optional extra. The single phase motors are mounted at each side and operation is by open/close/stop push buttons mounted adjacent to the door. Safety edges are fitted as standard on all electric doors. Disconnection for emergency manual operation is provided at high level.

SPEED OF OPERATION (Electric Doors)

Approximately 200mm per second per door leaf.

FINISH

The standard finish is galvanised with polyester powder coating or Colorcoat HP 200 in a range of standard colours an optional extra.

WEIGHT

Approximately 40 kgs per m².

OPTIONS

- Wicket doors
- Cut-outs for runway beams
- Double glazed vision panels
- Ventilation louvres
- Polyester powder coating in a range of standard colours
- A variety of controls on electric doors
- Low-level motor disconnection for emergency manual operation

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