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## Bi-Fold Doors

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Flexible, secure and stylish, bi-fold doors are ideal for both residential and commercial properties.

Featuring both a folding and sliding opening facility, bi-fold doors offer extra space and unrestricted access to and from the property.

Designed for a range of applications, bi-fold doors are ideal for home extensions, conversions, room dividers and entrance doors.

## About Bi-Fold Doors

Bi-fold doors are designed to enhance your living space, add extra character to your home, and provide excellent strength, durability and security performance.

With multi door-pane options, there is a door style to suit all size and space requirements; in fact whole walls can be replaced with a bi-fold door, essentially allowing the outdoors to be brought indoors.

Bi-fold doors are a lightweight and versatile system, ensuring the doors can be operated with minimal effort. The slim aluminium profile, combined with large glazing areas, allows for maximum light exposure and offers extended views of the garden and surrounding area.

A range of bespoke colour finishes and furniture options are available to further enhance the performance and aesthetic appeal of your bi-fold door.



### Opening Facility

Bi-fold doors feature one or two master panes, and can open independently of the folding facility, serving as a standard entrance or 'traffic' door.

### Fold & Slide Facility

The panes can then be folded back on themselves and moved across the roller track to create a full and open access.

All door panes are fitted to a durable double-track roller system for enhanced strength, and to ensure a smooth and consistent operation.

# Bi-Fold Doors

## key features



### Security & Durability

Bi-fold doors are manufactured from high-performance 70mm aluminium profile systems, and offer enhanced strength, durability and mechanical performance.

Multi-point locking systems and advanced gears, tested to PAS 24 requirements, are fitted as standard to all folding panes of the bi-fold door, ensuring only the highest levels of safety and security for your home. Select a toughened or laminate option for your glazed units as an additional safety feature.

Bespoke door furniture options are available including a flush 'pop out' handle designed for multi-pane stacking and added visual appeal. Door panes are fitted to an advanced double-track roller system for enhanced stability and performance.

Manufactured from tough and durable materials, bi-fold doors will retain their colour, shape and performance throughout the years.

### Energy Performance

All products in our Inliten range are designed to meet the sustainability demands of the current climate by reducing waste energy emissions. Aluminium products feature multi-chambers and thermal breaks within the profile helping to reduce energy and heat loss.

Bi-fold doors may be fitted with 28mm to 40mm double or triple glazed units and feature high-performance Soft Coat glass as standard; helping to reflect internal heat back into the home whilst absorbing solar energy from the outside.

Bi-fold doors offer triple glazed U-values as low as 1.6 w/m<sup>2</sup>K; ensuring savings on home heating bills and reduced carbon emissions.

### Styles & Finishes

Bi-fold doors are manufactured to bespoke size and style requirements, and are available with multiple pane options ranging from 2 to 7 (*8 or more panes may be available upon request*). Door panes can be arranged in a variety of configurations, including: stacked to the left, stacked to the right, or split stacked on both sides.

Designed for convenience, bi-fold doors may be manufactured as open in or open out, and are available with single or double master-door options.

Bi-fold doors feature a soft line finish, offering a classic aluminium appearance. Designed to complement all house types, bi-fold doors can be further personalised with a RAL colour-coated finish of your choice.



# Bi-Fold Doors

## finishes & configurations



### Colour Options

Bi-fold doors can be coloured on one or both sides, and feature a matt or gloss finish depending on your chosen colour (other RAL colours available upon request):



White (9910 high gloss)    Black (9011 semi gloss)    Grey (7016 matt)    Silver Grey (7035 semi gloss)    Brown (BS08-B29 semi gloss)    Cream (BS08-B29 semi gloss)

### Hardware & Furniture Options

A range of high-performance hardware and furniture options are available, designed to complement the bi-folding door and ensure a hassle-free operation.

Door furniture is available in black, white or silver; with black hinges as standard.

In addition to the classic lever/lever handle, a 'pop out' handle is also available. Designed for convenience and aesthetic appeal, the pop-out handle sits flush against the frame surface and can be engaged when required to further facilitate multi-pane stacking.

Door panes feature 4 stainless-steel wheels as standard and are fitted to a double-track roller system; ensuring the door operates smoothly and consistently upon every use.



### Size/Style & Threshold Options

Bi-fold doors can be manufactured to specific size and style requirements. Leaf sizes can range from a minimum width of 500mm to a maximum width of 1200mm. Select left, right or split stacked panes with the option of one or two traffic doors.

A range of threshold options are also available, including low threshold options designed for disabled access and suitable for interior use.



Standard



Low 34mm

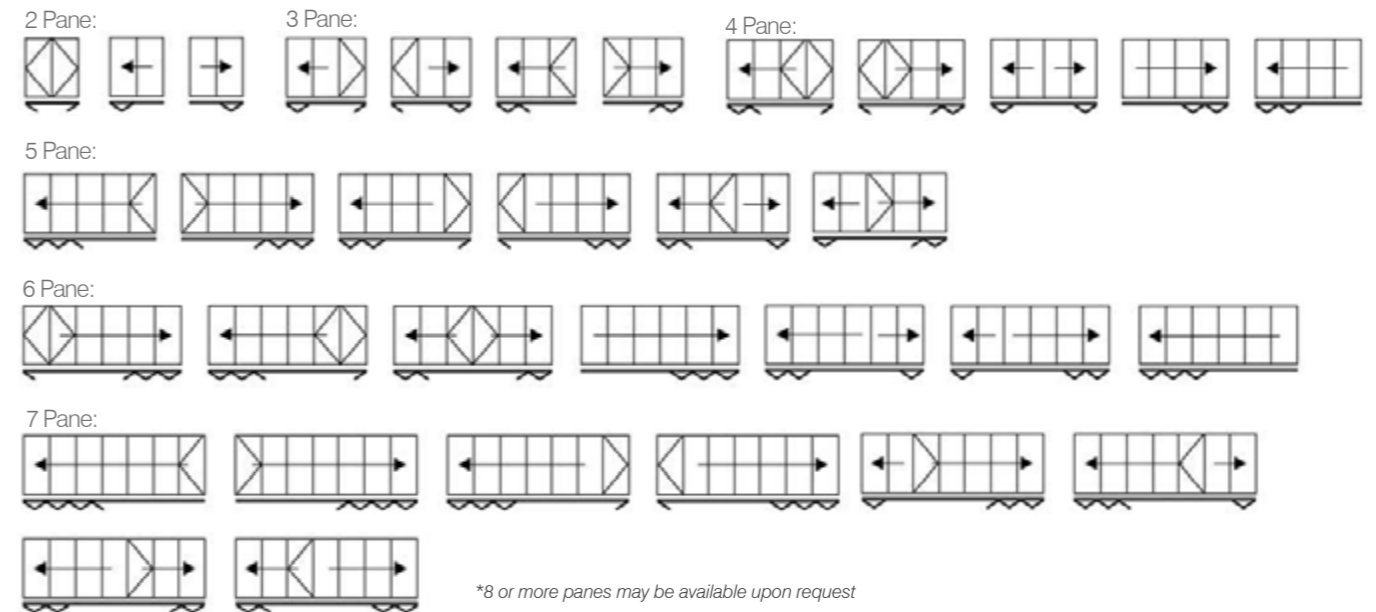


Low 34mm (Ramped)



Room Divider

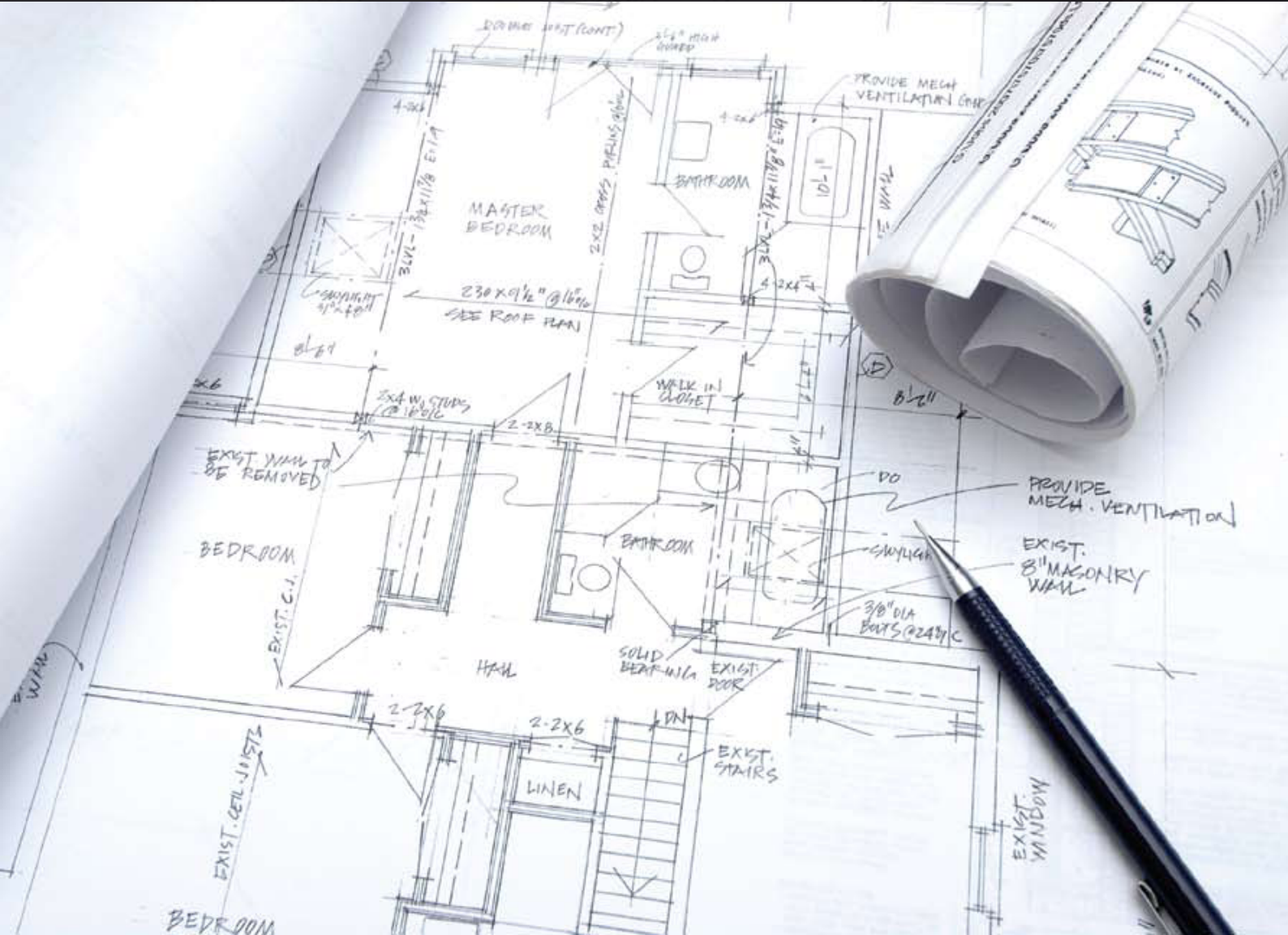
### Opening Configurations



\*8 or more panes may be available upon request



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Accredited Building Contractors