

# Russell Timber Technology Data Sheet

## Bi-Fold Inward Opening Turn & Tilt Doors

### Transforming Your Living Space

#### Overview

Russell Timber Technology Inward Opening, Turn & Tilt Bi-Fold Doors can carry **48mm of glass** to achieve outstanding thermal and acoustic performance, with a **U-Value of 1.4 to 0.7W/m<sup>2</sup>K** and a **DB of 54**.

Available in a number of configurations and compatible with our **Contemporary, Premium** and **Designer Oak** ranges, this system enables you to use the lead door for ventilation and access whilst the balance of the system neatly stacks on the opposite side. Options for Solar Control Glass or blinds within glass are available.

All products are manufactured from timbers with certified **FSC Full Chain of Custody**.



#### Specification

- Glass options to cover all requirements:
  - ◇ **48mm of triple glazing** as part of our **Premium Thermal** product range
  - ◇ **48mm of double glazing** as part of our **Premium Acoustic** product range
  - ◇ **23-36mm of glazing** options as part of our **Contemporary** product range
- Glass can incorporate blinds within the sealed unit in both double & triple glass options
- Manufactured from laminated Redwood for long-term stability with options in Hardwood or Oak.
- Multi Functionality to work in all locations:
  - ◇ **Single Folding** – all leaves to fold to the preferred side
  - ◇ **Centre split** – opens in equal halves from the centre
  - ◇ **Tilt & Turn** – lead door as a multi-functional door / window, balance folds to opposite side
- Alu-Cladding – externally fixed for a breathable solution enhancing performance and longevity
- Frames are 109 x 57mm in section
- Fully factory finished is single or dual colours
- Complete with all ironmongery
- Vents to give Equivalent Air
- Self-locating Extension cills are available:
  - ◇ **Timber** – 46mm / 63mm & 93mm
  - ◇ **Aluminium** - 60mm / 97mm /140mm & 169mm
- Internal cill and ingo groves are available.
- Externally glassed using powder coated aluminium bottom bead.



The mark of responsible forestry



#### Product Codes

- **Timber Bi-Fold Inward Opening Turn & Tilt Doors:** TTF 1 to 10
- **Alu-Clad Bi-Fold Inward Opening Turn & Tilt Doors:** TTFa 1 to 10

All products and production are subject to continuous development. The company reserves the right to amend details and sizes without notice

John A Russell (Joinery) Ltd

8 Dilwara Avenue, Glasgow, G14 0QS

Telephone: 0141 958 0444 | Fax: 0141 958 0333 | Website: [www.russelltimbertech.co.uk](http://www.russelltimbertech.co.uk)

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