

Aluminium Bifold Door System

TECHNICAL DATA SHEET



*Image for indicative purposes only

Typical Sizes (standard)

Max door leaf width	1200mm
Max door lead height	3000mm
Max weight per door leaf	120KG

Average U-Values

CEN Standard (Double Glazed)	1.4 W/m2K
CEN Standard (Triple Glazed)	1.1 W/m2K

Glazing

Glass Thickness	28/32/36/44
-----------------	-------------

Testing

Energy Rating	B
Security	PAS24:2022 & SBD
*BS6375-1	✓
BS6375-2	✓
BS6375-3	✓

Specification options

Visible Sightline Frame/ Sash	93.5mm
Visible Sightline Sash/ Sash	107mm
Track Options	Standard/ Low/ Integrated Cill
Clip in bead	✓
Open Corner Solution	✓
Heritage Solution	True divide & astragal bar
U-value DGU	1.4 W/m2K
U-value DGU Monorail	1.1 W/m2K
Air Permeability	600PA
Water Tightness	600PA
Wind Load Resistance	1800PA

*Results may vary based on specification. Further details available upon request



Scope

The Aluminium BF73 Door system has been designed to meet current and future building regulations, in addition to market-leading features such as our super-slim sightlines. Secure to PAS24:2022 certification, the ALUNA Bifold exceeds Part L compliance with a new built requirement of 1.4 W/(m2k) is achieved when combined with highly energy efficient glass.

Materials

- Extruded aluminium is generally Aluminium Alloy 6060.T6/ T66, 6063.T6/ T66, 6082.T6 to BS EN 755-9 and EN 12020-2
- Polyamide thermal barriers are manufactured in accordance with PA66 GF25
- The Gasketry is generally manufactured in accordance with BS ISO 3302-1
- The fixings are generally A2 Stainless Steel screws

Finishes

BF73 Door sections are available typically in three finishes:

- Minimum 60 microns as standard / Marine grade / Qualicoat as standard
- Anodised finishes are to BS3897 to a minimum of 25 microns (AA25), supplied in either satin or polished finish in a limited range of colours.
- Mill finish / 9005 M / 7016 M / 9016 G / Dual 9005 on 9016 / Dual 7016 on 9016.

Construction

The ALUNA Bifold door is constructed using mitred corners, joined with crimped or mechanical cleats; alignment chevrons assist in clean, accurate mitres. A proprietary sealant is used on all metal joints in line with good practice

☎ 01924 350110 ✉ info@alunetsystems.co.uk 🌐 alunetsystems.co.uk

Alunet Systems Ltd, Ravensthorpe Industrial Estate, Low Mill Lane, Havelock St, Ravensthorpe, Dewsbury, WF13 3LN

Due to a policy of continual product development, Alunet Systems reserve the right to alter any of the specifications given in this publication without prior notice. The specification for any given application must be checked with Alunet Systems prior to manufacture. No responsibility for accuracy is accepted by Alunet Systems. Always refer to the technical manual.