

ALUK[®]

AluK BSF70 Bi-fold Door

WELCOMING
STUNNING
PRACTICAL



Glass & Glazing Federation Member

Official Police Security Initiative

Arkay Windows is a specialist large-scale fabricator with over 30 years experience based in Watford, North West London.

Through growth built on putting our customers first, we have risen to supply some of the country's biggest retail companies, contractors and commercial installers.

 **Arkay Windows**

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 **Arkay Windows**

ALUK BSF70 BI-FOLD DOOR

An intelligent combination of form and function, our highly versatile and market-leading Bi-fold sliding door system gives you maximum control over the style and operation of the doors.

Multiple panels can be added to accommodate the design specifications of your building, with the option to open in or out as required. The system also boasts a unique flush line pop-out handle that allows for square flush stacking panels when doors are fully open.

DESIGN FEATURES

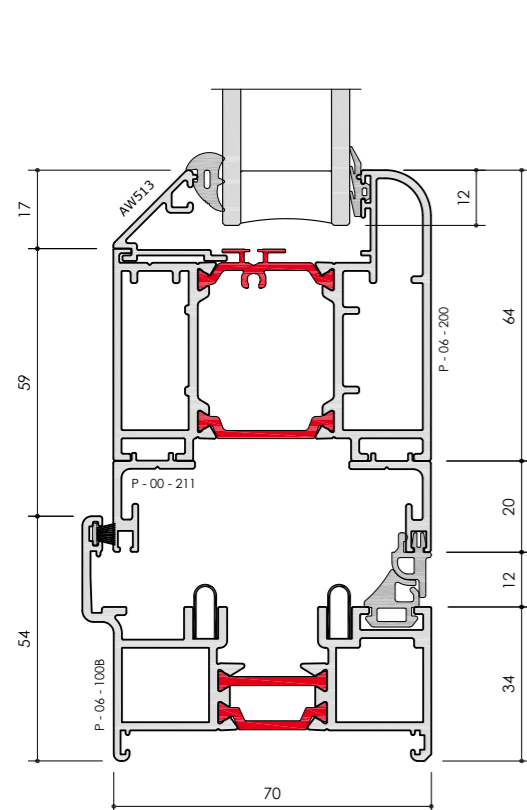
- Certified under the Secured By Design scheme
- Tested to PAS 24
- Unique, pop-out handle that allows for maximum door opening and panels to stack square
- Four stainless style rollers to ensure smooth and consistent operation

OPTIONS

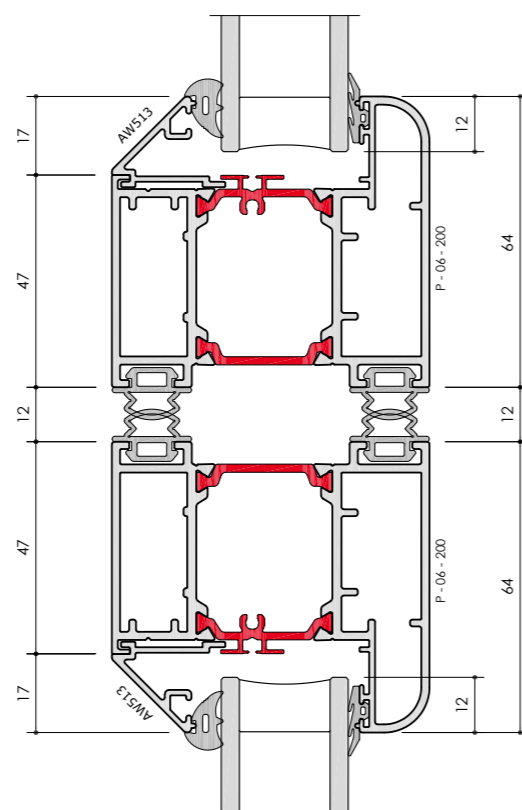
- Chamfered and square bead options
- Glazing 28mm – 40mm
- Available in a range of opening configurations
- Available with heavy duty rollers; BSF70 HD
- Available in a range of single or dual colour and anodised finishes



Cill Detail



Interlock Detail



SPECIFICATIONS

| PERFORMANCE AND ACCREDITATION | BSF70 | BSF70 HD |
|---|------------------------|------------------------|
| • U-value (double glazing) | 1.6 W/m ² K | 1.6 W/m ² K |
| † U-value (triple glazing) | 1.4 W/m ² K | 1.4 W/m ² K |
| Air tightness (Pa) (standard threshold) | Class 4 (600 Pa) | |
| Water tightness (Pa) (standard threshold) | Class 9a (600 Pa) | |
| Wind load (Pa) | Class AE2400 (2400 Pa) | |
| Security | PAS 24 | |
| 3rd party certification | Q-mark | |
| Secured by design | ✓ | |

CONFIGURATIONS

| Opening | Open in and open out | Open in and open out |
|---------|----------------------|----------------------|
| 2-2-0 | ✓ | ✓ |
| 3-3-0 | ✓ | ✓ |
| 3-2-1 | ✓ | ✓ |
| 4-4-0 | ✓ | ✓ |
| 4-2-2 | ✓ | ✓ |
| 4-3-1 | ✓ | ✓ |
| 5-5-0 | ✓ | ✓ |
| 5-3-2 | ✓ | ✓ |
| 5-4-1 | ✓ | ✓ |
| 6-6-0 | ✓ | ✓ |
| 6-3-3 | ✓ | ✓ |
| 6-4-2 | ✓ | ✓ |
| 6-5-1 | ✓ | ✓ |
| 7-7-0 | ✓ | ✓ |
| 7-4-3 | ✓ | ✓ |
| 7-5-2 | ✓ | ✓ |
| 7-6-1 | ✓ | ✓ |

DESIGN FEATURES

| | | |
|---------------------------|--------|--------|
| Max vent weight | 100 kg | 130 kg |
| Sightline (Head) | 110mm | 110mm |
| Sightline (Cill) | 130mm | 130mm |
| Sightline (Jamb) | 110mm | 110mm |
| Sightline (Meeting Stile) | 140mm | 140mm |

SYSTEM FEATURES

| | | |
|---------------------|---------------|---------------|
| Frame depth | 70mm | 70mm |
| Dual colour option | ✓ | ✓ |
| Multi-point locking | ✓ | ✓ |
| Glazing options | Internal bead | Internal bead |
| Glazing thickness | 24mm-40mm | 24mm-40mm |

* Folding Doors are calculated using EN ISO 10077 - Part 2, 3000mm x 2180mm, 3-3-0 Door with Ug: 1.0 W/m²K (double glazed) / 0.7 W/m²K (triple glazed) using P-06-100 outerframe and P-06-200 vent. Single and Double Door value is calculated using EN ISO 10077 - Part 2, 2000mm x 2180mm Double Door with Ug: 1.0 W/m²K (double glazed) / 0.7 W/m²K (triple glazed) using P-06-100 outerframe and P-06-200 vent.

• U-Value (Double Glazing) - Folding Doors are calculated using EN ISO 10077 - Part 2, 3000mm x 2180mm, 3-3-0 Door with Ug: 1.0 W/m²K using P-06-100 outerframe and P-06-200 vent. Single and Double Door value is calculated using EN ISO 10077 - Part 2, 2000mm x 2180mm Double Door with Ug: 1.0 W/m²K using P-06-100 outerframe and P-06-200 vent.

† U-Value (Triple Glazing) - Folding Doors are calculated using EN ISO 10077 - Part 2, 3000mm x 2180mm, 3-3-0 Door with Ug: 0.7 W/m²K using P-06-100 outerframe and P-06-200 vent. Single and Double Door value is calculated using EN ISO 10077 - Part 2, 2000mm x 2180mm Double Door with Ug: 0.7 W/m²K using P-06-100 outerframe and P-06-200 vent.