



Series 46 Fixed Light

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Detailed description

Slimline fixed light (FL) secondary glazing which can be used in combination with other products as over lights or side lights and is suitable for arched windows. Can be used within partition walls as observation windows for laboratories, control rooms, clean rooms and recording studios. Can be shaped or curved to a full circle.

All fixings are concealed by cover channels within the frame, which may be linked to other frames with a colour-matched mullion/ transom section.

Will reduce heat loss by up to 50% using standard glass and up to 65% with a thermally efficient glass (low emissivity). Perimeter mastic seals will almost eliminate drafts and ensure much greater comfort near the window.

Performance:

- Acoustic: Tested in accordance with BS EN ISO 140-3: 1995 for acoustic performance: between 41 and 48 dB.
- Thermal: U-values as low as 1.78 W/m²K (timber primary window and low-E glass in secondary glazing).

Approvals:

- Security: Secured by Design (SBD) accredited.
- ISO 16933 EXV 45.

Product guidance - As Standard

Frame:

- Material:

Extruded aluminium alloy 6063-T6.

- Style:

Standard.

Options

Size:

- Sash, minimum (h x w): 300 x 300 mm.
- Sash, maximum (h x w): 2200 x 1400 mm.
- Curved head or jamb radius, minimum: 400 mm.

Thermal performance:

Values of <2.9 W/m²K available; consult manufacturer for details.



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Product specification

Manufacturer

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Product reference	Series 46 slimline fixed light (FL)
Style	As primary window designs/ sightlines
Size	As drawing - Insert details. As schedule - Insert details.
Acoustic performance	[_____]
Thermal performance	[_____]
Blast performance	Not required ISO 16933 EXV 45
Physical performance	Not required Secured by Design

Frame

- Finish
Anodizing, Analok bronze AA25
Anodizing, Analok silver AA10
Polyester powder-coating, HIPCA 9910 semi-gloss white
Polyester powder-coating, RAL - Insert RAL colour.
Wood grain effect
- Gloss level
Not required
Matt
High gloss
Semi-gloss

Glazing

- Type
Laminated
Laminated, low -E
Toughened
Toughened, low-E
- Thickness
4 mm
6 mm



	6.4 mm
	6.8 mm
- Gasket	Black White
Trickle ventilators	Not required Over the frame acoustic ventilator Over the frame standard ventilator
Acoustic reveal linings	Not required Vinyl faced acoustic foam