



SQUARE EDGE PROFILE TO WINDOWS



DESIGN FEATURES

- Certified under the Secured By Design scheme
- Tested to PAS 24
- Green guide rated A
- Integrated deep head profiles for ease of trickle ventilation
- Unique polyamide thermal break design to improve thermal performance

OPTIONS

- 58mm or 70mm frame depth to accommodate varying types of applications
- Project in or project out options
- Internally or externally glazed to accommodate low and high rise projects
- Glazing 24mm - 40mm
- Available in a range of single or dual colour and anodised finishes
- Available in the following aesthetics: Bay, Chamfered, Square and Ovolo.
- Available in the following configurations: top hung, side hung, bottom hung, fixed light, multi-light and french casement
- Available for Lifetime Homes (LFT)
- Double beaded option allowing for internal glazing without the use of dummy vents
- Dedicated fixing straps for ease of installation
- Designed with a Euro groove to accommodate standard locking hardware



➤ Ovolo



➤ Chamfered



➤ Square

SPECIFICATIONS

Performance and accreditation	Outward opening
U-value (double glazing)	1.4 W/m <sup>2</sup> K
U-value (triple glazing)	1.2 W/m <sup>2</sup> K
Window energy rating (WER)	B - C
Green guide rating	A rated
Acoustic performance (dB)	Rw (C-C1) 42 (-1-5) dB
Air tightness (Pa)	Class 4 (600 Pa)
Water tightness (Pa)	Class 9A (600 Pa)
Wind load (Pa)	Class E2400 (2400 Pa)
Security	PAS 24
3rd party certification	Q-mark
Secured by design	Yes

Configurations

Opening	Open out
Top hung	✓
Side hung	✓
Bottom hung	✓
Fixed light	✓
Multi-light	✓
French casement	✓

Size limits

Top hung (max weight)	180 Kg
Side hung (max weight)	55 Kg
Bottom hung (max weight)	60 Kg (3 hinges)
Fixed light (max weight)	250 Kg

System features

Frame depth	58mm and 70mm
Dual colour option	✓
Multi-point locking	✓
Glazing options	Internal and external bead
Glazing thickness	24mm - 40mm
Signline (Frame to Vent)	73mm
Signline (Vent to Mullion)	89mm
Signline (Fixed Light)	43mm

Aesthetics

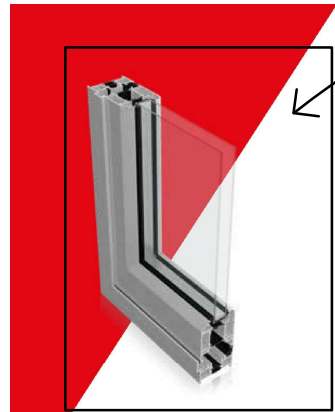
Bay	✓
Chamfered	✓
Square	✓
Ovolo	✓

U-value (Double Glazing) - Windows are calculated using EN ISO 10277 - Part 2, 1200mm x 1400mm Side hung next to fixed light with Ugi 1.0 W/m<sup>2</sup>K using AW602 outerframe and AW615 vent  
U-value (Triple Glazing) - Windows are calculated using EN ISO 10277 - Part 2, 1200mm x 1400mm Side hung next to fixed light with Ugi 0.7 W/m<sup>2</sup>K using AW602 outerframe and AW615 vent  
Green Guide Rating - Calculated using the Green Guide 2008 ratings for domestic windows.  
Powder Coated Aluminium window profiles to 380g/m<sup>2</sup> include glass  
Acoustic Performance (dB) - Tested using AW602 outerframe and AW600 vent, 10/16/8, 11mm  
Acoustic Laminated Glass  
Top Hung (max weight) - Based upon Secured by Design (SBD) side hung fiction stay  
Side Hung (max weight) - Based upon Secured by Design (SBD) side hung fiction stay  
Bottom Hung (max weight) - Based upon 3 x 8x220x18gauge



SLIDING FOLDING DOORS

POWDER COATED ALUMINIUM WINDOWS  
"ALUK" SYSTEM OR SIMILAR



SPECIFICATIONS

Performance and accreditation	BSF70
U-value (double glazing)	1.6 W/m <sup>2</sup> K
U-value (triple glazing)	1.4 W/m <sup>2</sup> K
Air tightness (Pa)	Class 4 (600 Pa)
Water tightness (Pa)	Class 9A (600 Pa)
Wind load (Pa)	Class E2400 (2400 Pa)
Security	PAS 24
3rd party certification	Q-mark
Secured by design	Yes

Configurations

Opening	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
Signline (Head)	110 mm
Signline (Cill)	130 mm
Signline (Jamb)	110 mm
Signline (Meeting Stile)	140 mm
Maximum leaf height	2400 mm

System features

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

DESIGN FEATURES

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

OPTIONS

- Chamfered and square bead options
- Glazing 24mm - 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
- Low threshold 15mm step height
- All configurations available open in and open out
- Chamfered and square based options
- Shootbolts top and bottom of the interlock for enhanced security
- Dedicated bottom bogey guide for consistent operation and enhanced security
- Double track threshold allowing greater stability

SELF COLOURED RENDER - "KREND FT" OR SIMILAR

FINE TEXTURED RENDER BY KREND OR SIMILAR FOR HAND APPLICATION.  
THE SILICONE TECHNOLOGY SIGNIFICANTLY REDUCES THE AMOUNT OF WATER ABSORPTION ON THE RENDER SURFACE, WHILST ALLOWING WATER VAPOUR TO PASS FREELY THROUGH THE RENDER, GRANTING THE PROPERTY OPTIMUM BREATHABILITY.  
THE WATER REPELLENT SURFACE ENSURES A FRESHLY RENDERED AND AESTHETICALLY PLEASING APPEARANCE FOR A PROLONGED PERIOD. ADDITIONALLY, THE FINISH IS DRIER, THEREFORE MORE RESISTANT TO ALGAE GROWTH AND EASIER FOR TO MAINTAIN.

YELLOW STOCK FACING BRICKWORK



All dimensions are to be checked on site.  
All dimensions are in millimetres.  
All Discrepancies are to be reported to the architect immediately.  
Drawings marked "planning" or "design" are not to be used for construction purposes.  
Drawing is to be read with the schedule of work / specification if applicable  
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## MATERIALS INFORMATION SHEET

REVISION DESCRIPTION	REV	DATE	BY
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PROJECT RO 3 CLARENDON ROAD SW19 2DX	DATE Oct 2021		
	BY JS		
DRAWING TITLE MATERIALS INFORMATION SHEET	JOB No. 20-518		
STATUS PLANNING	DWG No. B-P12		