



Alumina

PREMIUM ALUMINIUM RANGE



Featuring Bi-fold, French, and Residential doors, Alumina is the UK's only sculptured flush aluminium range that's perfectly colour matched to an industry-leading, full PVCu system.



BI-FOLD DOORS

Open up entire walls with an Alumina Bi-fold door. Capable of 2.5m sash heights, spanning up to 8.5m frame width overall. The entire range delivers superior strength and enhanced security making Alumina ideal for both commercial and residential applications.

SMOOTH, EFFORTLESS GLIDE



Rolling mechanisms carrying the door panes are fitted with sealed stainless steel bearings and require no lubrication.

FRENCH DOORS



Alumina French doors offer slim sightlines and a beautifully flush appearance, with two glazed door panels opening together in the European style.

The double-width aperture is ideal for access onto a patio or garden decking area. Alumina French doors feature a floating central mullion for unobscured views when fully open. Choose from open inward or outward configurations.

RESIDENTIAL DOORS



Alumina residential doors are capable of larger maximum sizes than uPVC, making them suitable for use in locations requiring wider and taller apertures.

The frame strength can also support larger glass panels, which combined with slim sightlines allows for plenty of natural light and expansive views without sacrificing structural integrity.

DOOR CONFIGURATIONS

PANE(S):

1



2



2-2-0

3



3-3-0

4



4-4-0

5



5-5-0

6



6-6-0

7



7-7-0



2-1-1



3-2-1



4-3-1



5-4-1



6-5-1



7-6-1

Alumina bi-folds offer many opening configurations from 1 to 7 panes wide.



4-2-2



5-3-2



6-3-3



7-5-2



7-4-3

THE NUMBERING SYSTEM

4

-

3

-

1

The first number shows how many sashes in total within the frame.

The second shows the majority of sashes folding back to either left or right.

The final number shows the balance of doors opening in the opposite direction.



EFFORTLESS COORDINATION, EXCEPTIONAL STYLE

Alumina's fully aluminium sculptured profile perfectly matches the Liniar PVCu window and door system.

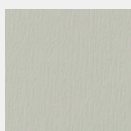
Seamlessly coordinate aluminium and PVCu across wider projects. Our versatile colour options suit any setting from a modern architectural aesthetic to woodgrain options ideal for a more traditional look.

Create unique interior/exterior colour combinations from a wide range of stocked and made-to-order foiled or powder-coated options. Alumina is foiled in-house at our world class facilities using the latest wrapping technology for a perfect finish – every time.

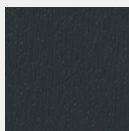


**ALL COLOURS
ARE FULLY
GUARANTEED
FOR 10 YEARS**

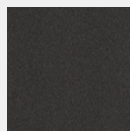
STOCKED FOILED FINISHES



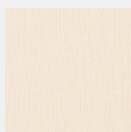
Agate Grey
RAL 7038



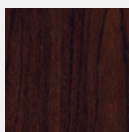
7016 Grey
RAL 7016



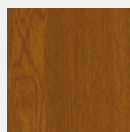
Black Brown
RAL 8022



Cream
RAL 9001



Rosewood

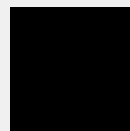


Golden Oak

STOCKED RAL COLOURS



White (Gloss)
RAL 9910



Black (Matt)
RAL 9011



Grey (Matt)
RAL 7016



**EXPLORE OUR COMPLETE
COLOUR RANGE AT
[LINIAR.CO.UK/COLOURS](https://liniar.co.uk/colours)**

Foiled and RAL colours available on 1 or 2 faces from stock.

Longer lead times than stocked colours may apply for made-to-order colours.

As the colours printed are representative only, we recommend choosing from a foil swatch booklet for the most accurate colour match.

ENERGY EFFICIENT



Alumina offers a U-value as low as 1.2 W/m²K, thanks to its innovative combined polyamide thermal lock and large thermal breaks.

SECURE



PAS24-certified and Secured by Design compliant, Alumina features bi-directional locking points, shootbolts, anti-bump cylinders and anti-lift features for combined security enhancement and complete peace of mind.

CUSTOMISABLE HARDWARE



Designed by Liniar and sourced from specialist hardware manufacturers, both main and slave door handles are available in the following colour choices:



White

Gold

Black

Chrome

Dark Chrome*

Dark chrome only available on handles.

INNOVATIVE TOUCHES



BESPOKE HIDDEN LOCKS

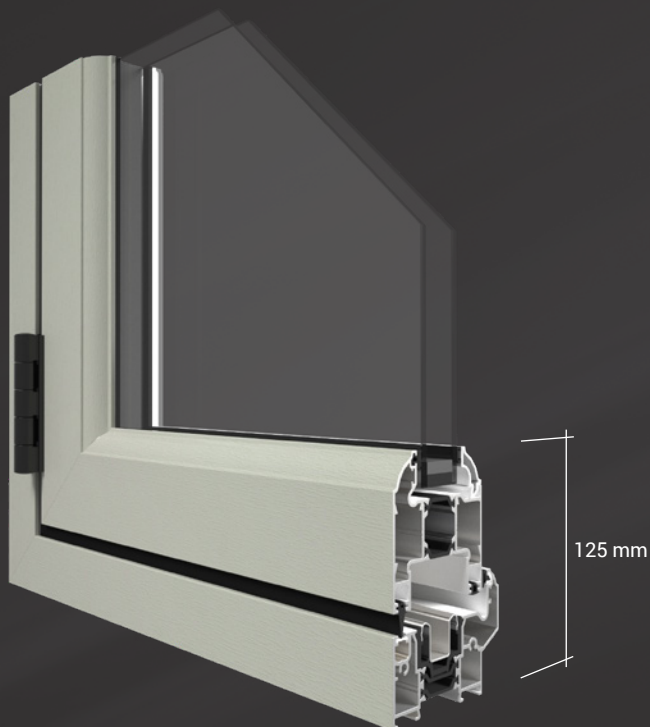
Locks housed within the thermal insert and designed specifically for Alumina frame and sash details.

DISCREET STRONG MAGNETS

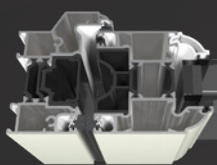
Ensure the doors are held together in the open position.

FOLDING KEYS

Avoid any problems when keys are left in the locks.



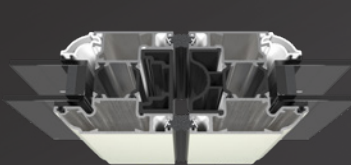
A



125 mm

FRAME & SASH

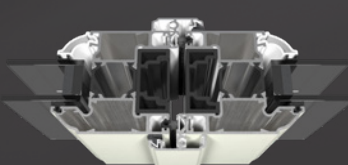
B



156 mm

SASH & SASH

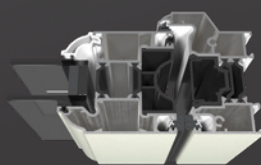
C



156 mm

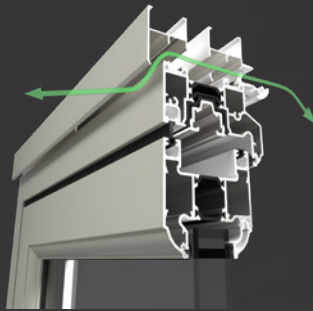
MEETING STILE

D



125 mm

SASH & FRAME



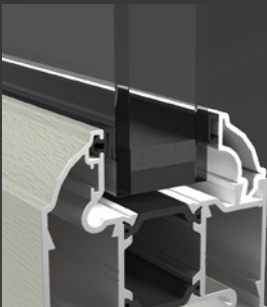
**40MM ALUMINUM ADD-ON
CONCEALED VENTILATION**



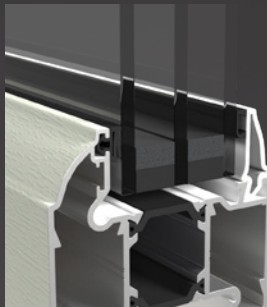
**OPTIONAL
MIDRAIL**

F

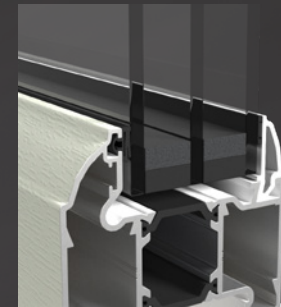
ADD-ONS



**28MM
DOUBLE GLAZING**



**36MM
TRIPLE GLAZING**



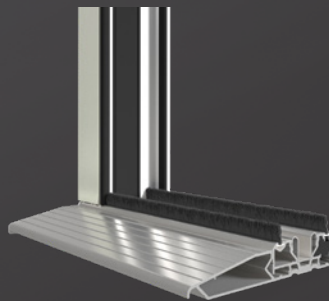
**40MM
TRIPLE GLAZING**

E

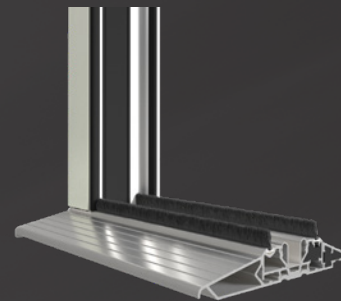
GLAZING



LOW THRESHOLD
HEIGHT: 23.5mm



LOW THRESHOLD & HALF TRAY
HEIGHT: 26.5mm



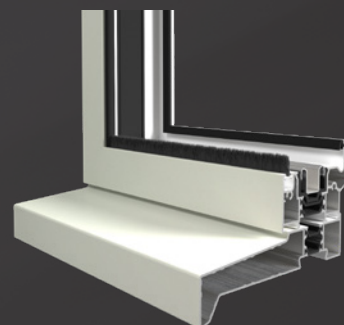
LOW THRESHOLD & FULL TRAY
HEIGHT: 26.5mm

G

THRESHOLDS & CILLS



FRAME ONLY
HEIGHT: 62mm



FRAME & CILL
HEIGHT: 92mm (inc. cill)

G



BI-FOLD DOORS



FRENCH DOORS



RESIDENTIAL DOORS

ACCREDITATIONS



KM 652464
BS 4873 / PAS24



FM 24961
ISO 9001

EMS 671225
ISO 14001

A Part of Something Bigger®



MATERIAL
Aluminium



STYLING
Sculptured, flush exterior



MAXIMUM SIZE
2.5m sash heights, spanning
up to 8.5m frame width overall



FRAME DEPTH
70mm



MAXIMUM SASH WEIGHT
90kg



GLAZING
28mm double or
36/40mm triple glazed



CONCEALED
Ventilation & drainage



MADE TO ORDER KITS
5-10 working days delivery,
supplied unglazed



GUARANTEE
Aluminium section – 10 years



LOWEST U-VALUE
1.2 W/m²K



SECURITY
PAS24 and SBD compliant



THRESHOLDS
Choice of three, including
Part M compliant option



OPTIONAL FOILING
To exterior, interior or both



FULLY RECYCLABLE
Yes



FULLY MATCHING
Alumina profile and foil options
match with Linar PVCu systems



MADE IN BRITAIN
Designed and manufactured
to the highest standards

T +44 (0)1332 883 900
E sales@liniar.co.uk

PRODUCT RANGE: WINDOWS | DOORS | GLAZED ROOFS | GARDEN ROOMS | FENCING | DECKING | SOFFITS & FASCIAS | CLADDING | PILING

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