

A close-up photograph of a wooden window frame. The wood has a light, natural grain. The frame features a square line design, with several rectangular sections separated by dark, recessed lines. The perspective is from a low angle, looking up at the corner of the frame. A white rectangular box is overlaid on the bottom right of the image, containing the product name.

Ideal 4000 Square Line Window and Door System

aluplast®

Aluplast Ideal 4000 Square Line profiles create a perfect blend of style and functionality combined with superb thermal performance and excellent weather performance to suit every home.

All products are tested to PAS24 for peace of mind security and Part M compliant where required. Our ecotech® profiles ensure our commitment to the environment.

For cutting edge elegance our Standard and Flush Sash System replicate the look of aluminium windows but with enhanced energy efficiency, especially when combined with our Aludec finishes, the clean lines provide a stunning finish in contemporary homes and residential commercial properties.

PAS 24 Approved



BFRC Rating up
to A++



U-Values as low
as 0.8W/m²K

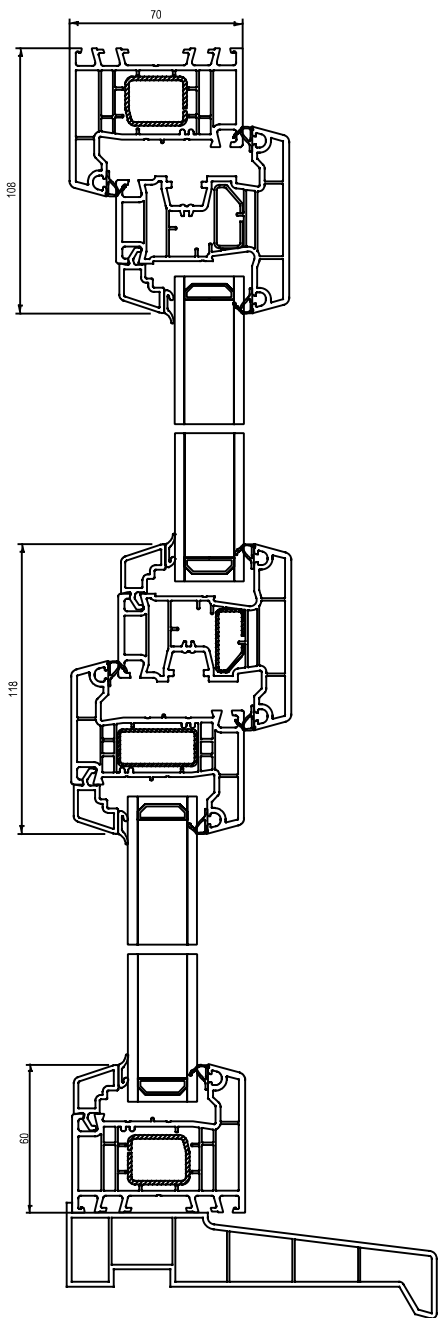


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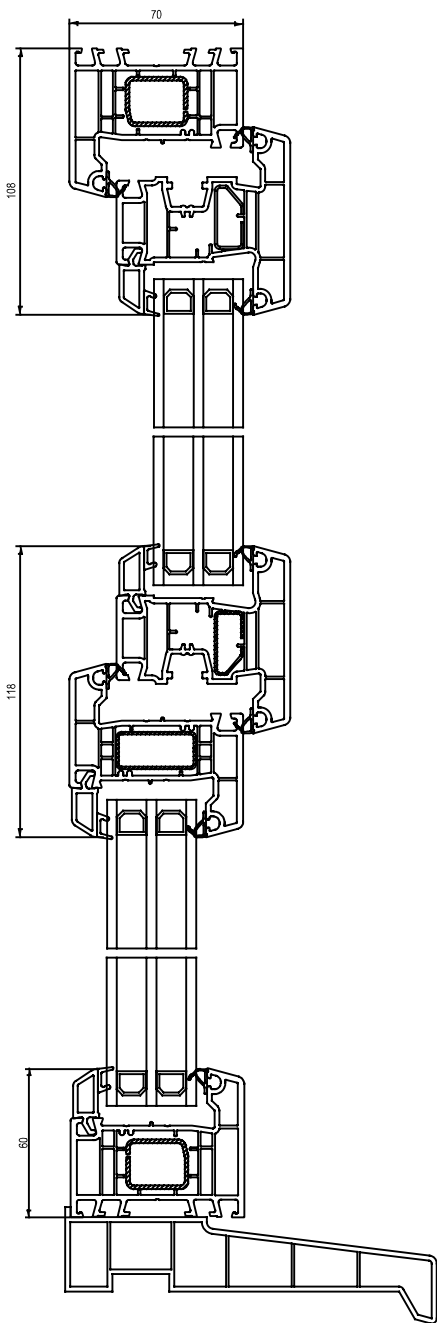
Ideal 4000 Window & Door System

Ideal 4000 Window System Technical Detail

Double-Glazed



Triple-Glazed



Technical Specifications

	Max Width	Max Height
Top Hung	1200 mm	1200 mm
Side Hung	700 mm	1350 mm
Fixed	2000 mm	2000 mm



Glazing Options

24mm - 44mm



Best U-Value

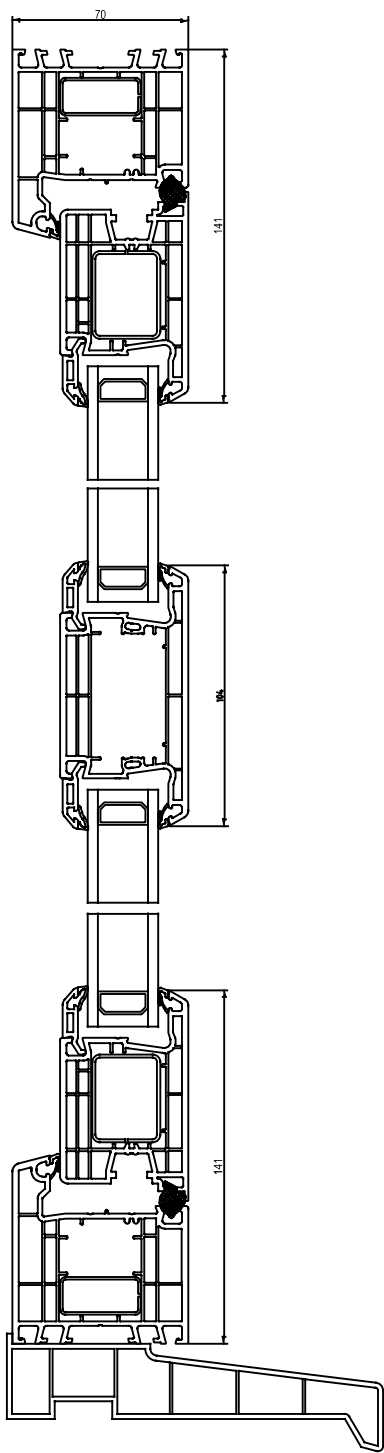
0.8w/M²K



Exposure Category




BS6375 Pt1
2000Pa

Ideal 4000 Door System Technical Detail

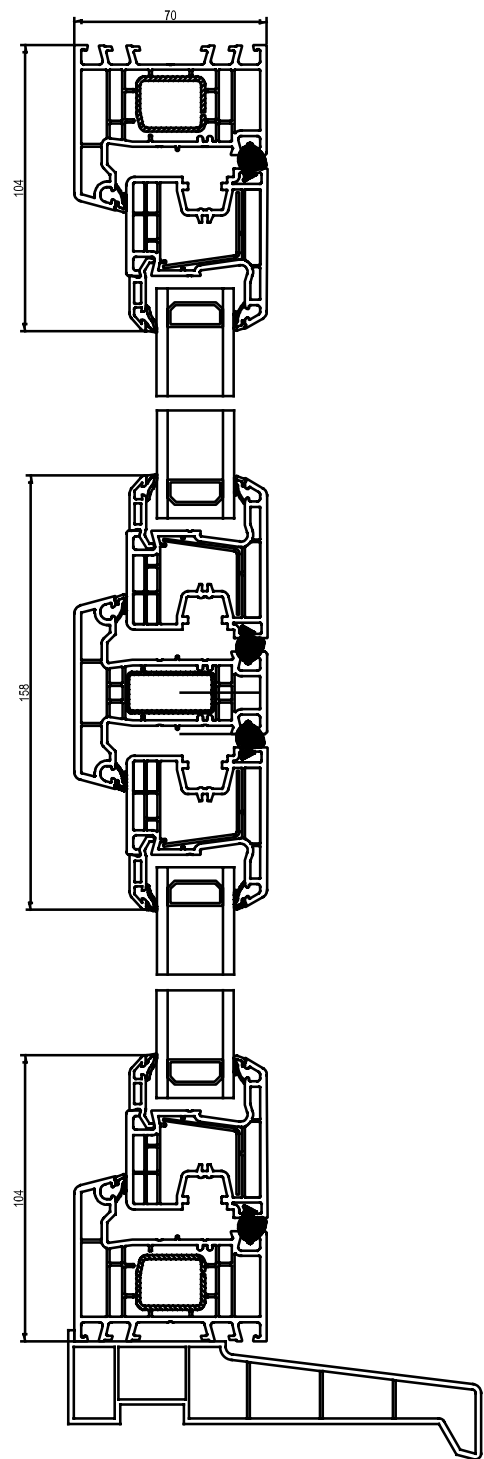


Technical Specifications

	Max Width	Max Height
Single Door	1100 mm	2200 mm
Double Door	1930 mm	2200 mm

		
Glazing Options	Best U-Value	Exposure Category
24mm - 44mm	1.1w/M²K	BS6375 Pt1 1200Pa

Ideal 4000 Flush Sash System Technical Detail



Technical Specifications

	Max Width	Max Height
Top Hung	1200 mm	1200 mm
Side Hung	700 mm	1350 mm
Fixed	2000 mm	2000 mm



Glazing Options

24 mm - 28 mm



Best U-Value

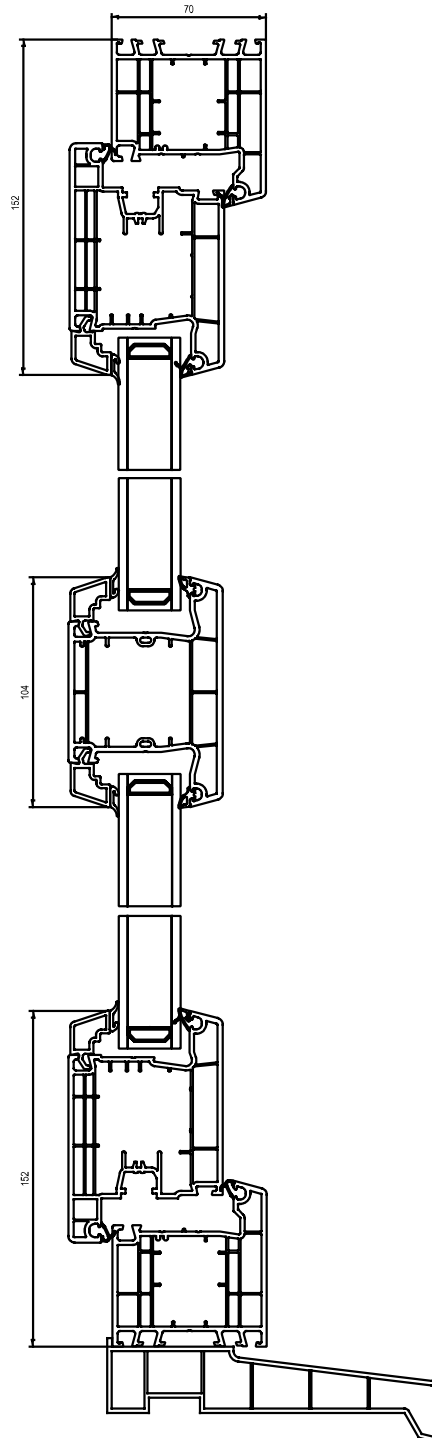
1.19w/M²K
with 28mm Glazing



Exposure Category

BS6375 Pt1
2000Pa

Ideal 4000 Flush Door System Technical Detail



Technical Specifications

	Max Width	Max Height
Single Door	1100 mm	2200 mm
Double Door	1930 mm	2200 mm



Glazing Options

24mm - 44mm



Best U-Value

1.1w/M²K



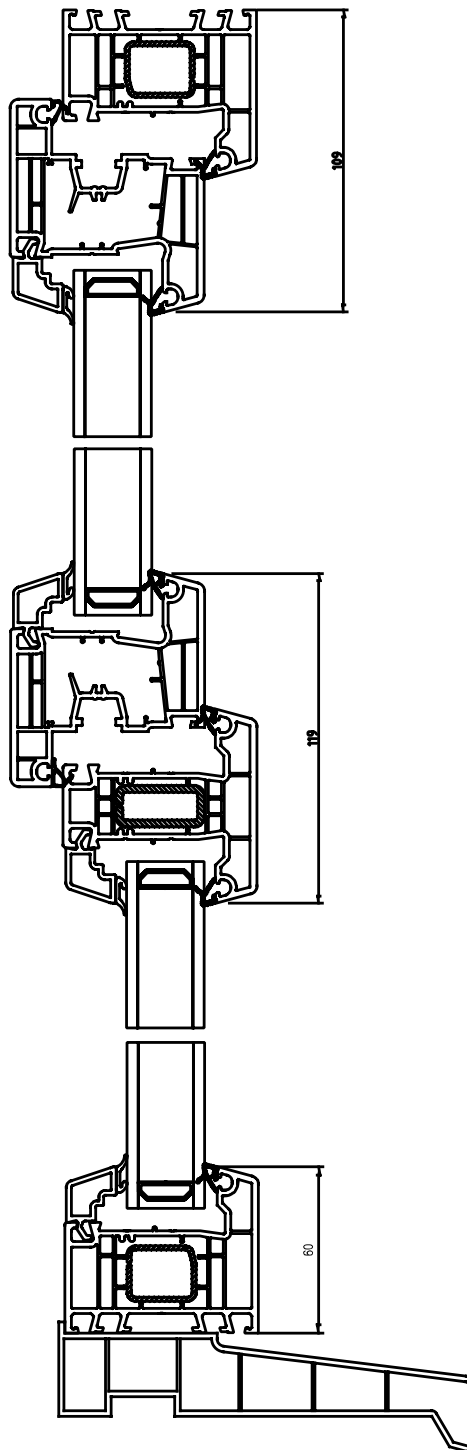
Exposure Category

BS6375 Pt1
2000Pa

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Ideal 4000 Window & Door System

Ideal 4000 Tilt Before Turn System Technical Detail



Technical Specifications

	Max Width	Max Height
Tilt Before Turn	1440 mm	1625 mm



Glazing Options

24mm - 44mm



Best U-Value

0.99w/M²K



Exposure Category

BS6375 Pt1
2400Pa

Sustainability

- New extruders and tools are being utilised for increased efficiency. These lines consume less electric power and produce profiles at greater speeds, which results in much better energy efficiency per metre of profile produced.
- We optimise our logistic processes to reduce fuel consumption.
- Profiles contain currently around 30% recycled materials, and targeted to achieve 50% over the next three years
- Our powerplant is designed to recuperate heat from extrusion and use it for hot water.
- We use renewable energy sources saving up to 25% per annum.
- We have a large photovoltaic installation as a renewable energy source reducing our CO2 emissions by 157 tonnes.

...and so much more



aluplast®

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www.aluplast.co.uk