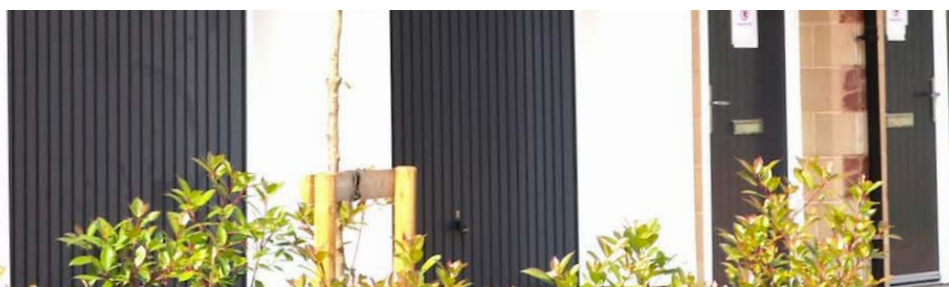# Ideal 70 Sculptured Window and Door System

aluplast®

Aluplast Ideal 70 sculptured 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 a more traditional look our Flush Sash System replicates the look of wood without the maintenance, especially when combined with our Woodec finishes, for use in period or contemporary homes.

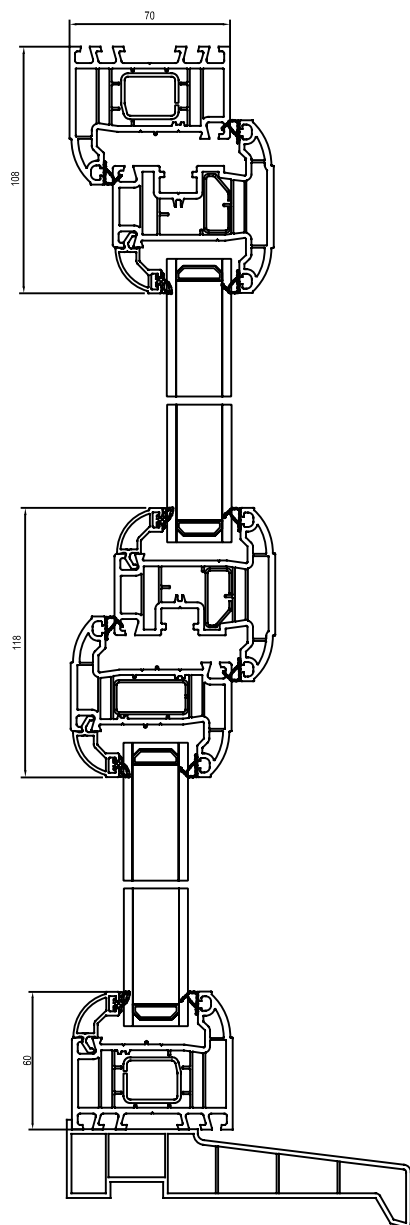PAS 24 Approved

∎

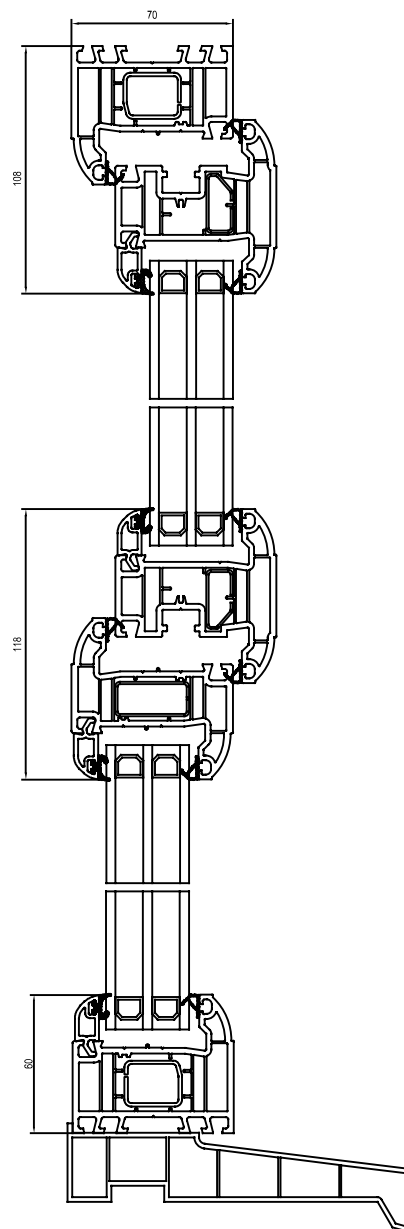BFRC Rating up to A++

∎

U-Values as low as $0.8W/m^2K$

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Ideal 70 Window & Door System

Ideal 70 Window System Technical Detail

Double-Glazed

Triple-Glazed

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

Glazing Options	Best U-Value	Exposure Category
24mm - 44mm	0.8w/M^{2}K	BS6375 Pt1 2000Pa

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Ideal 70 Window & Door System

Ideal 70 Door System Technical Detail
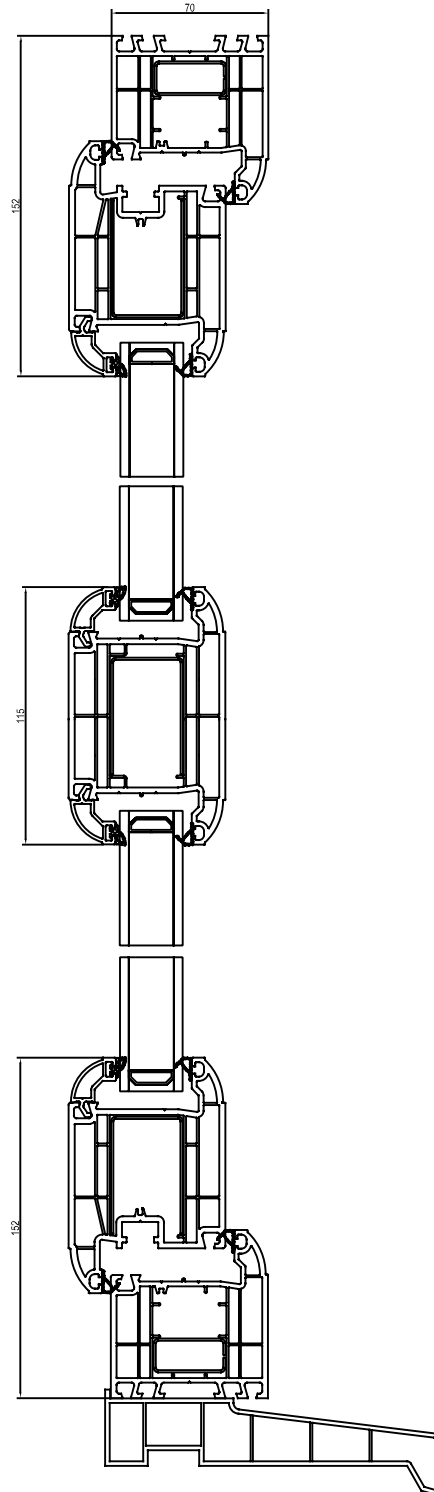
	Max Width	Max Height
Single Door	1100 mm	2200 mm
Double Door	1930 mm	2200 mm

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

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Ideal 70 Window & Door System

Ideal 70 Flush Sash System Technical Detail
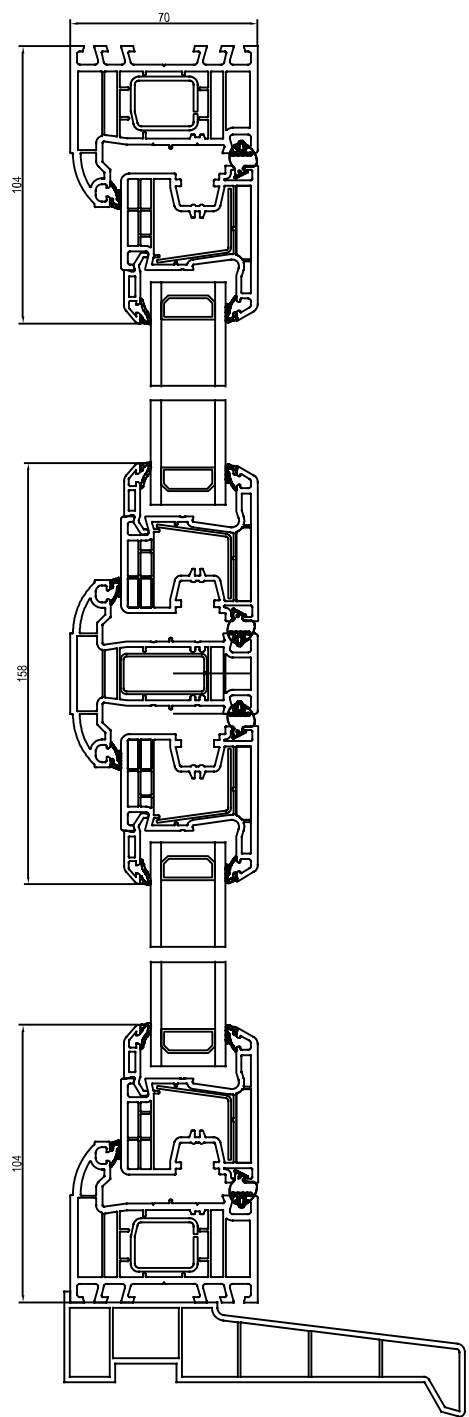
	Max Width	Max Height
Top Hung	1200 mm	1200 mm
Side Hung	700 mm	1350 mm
Fixed	2000 mm	2000 mm

Glazing Options	Best U-Value	Exposure Category
24 mm - 28 mm	1.19w/M²K with 28mm Glazing	BS6375 Pt1 2000Pa

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Ideal 70 Window & Door System

Ideal 70 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	Best U-Value	Exposure Category
24mm - 44mm	1.1w/M²K	BS6375 Pt1 1200Pa

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Ideal 70 Window & Door System

Ideal 70 Tilt Before Turn System Technical Detail
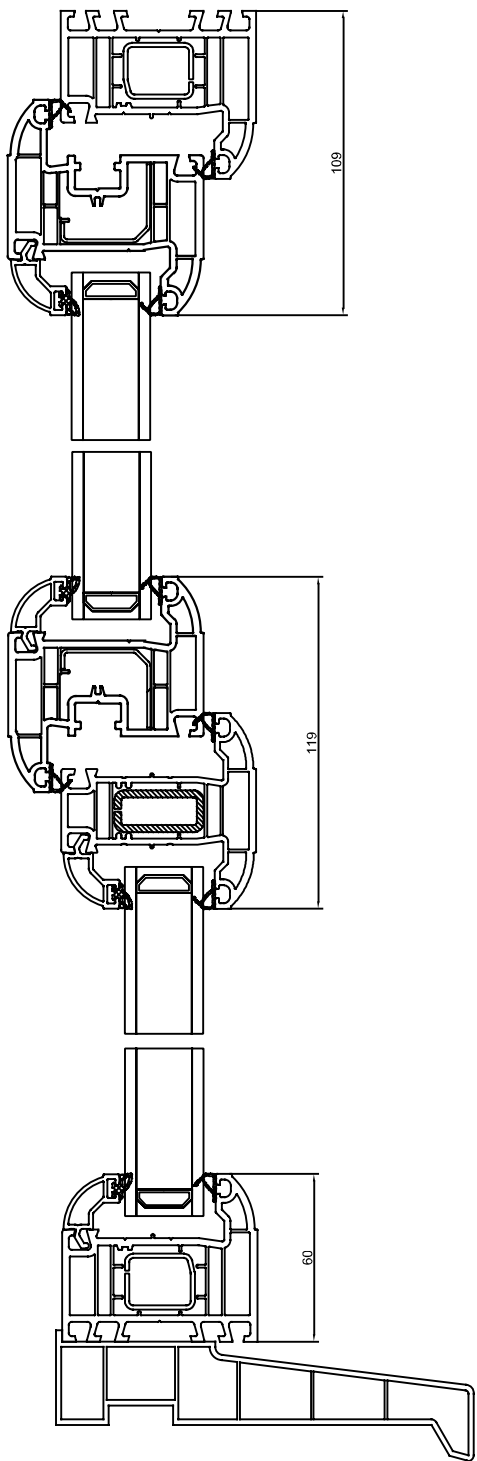
Technical Specifications

	Max Width	Max Height
Tilt Before Turn	1440 mm	1625 mm

Glazing Options	Best U-Value	Exposure Category
24mm - 44mm	0.99w/M²K	BS6375 Pt1 2400Pa

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Ideal 70 Window & Door System

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 CO_2 emissions by 157 tonnes.

...and so much more

bsi ISO 50001 Energy Management CERTIFIED

bsi ISO 9001 Quality Management Systems CERTIFIED

bsi Enhanced Security of Doors KITEMARK™

bsi ISO 14001 Environmental Management CERTIFIED

bsi

vinyl plus®

Rewindo Fenster-Recycling-Service

EnMS aluplast®

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