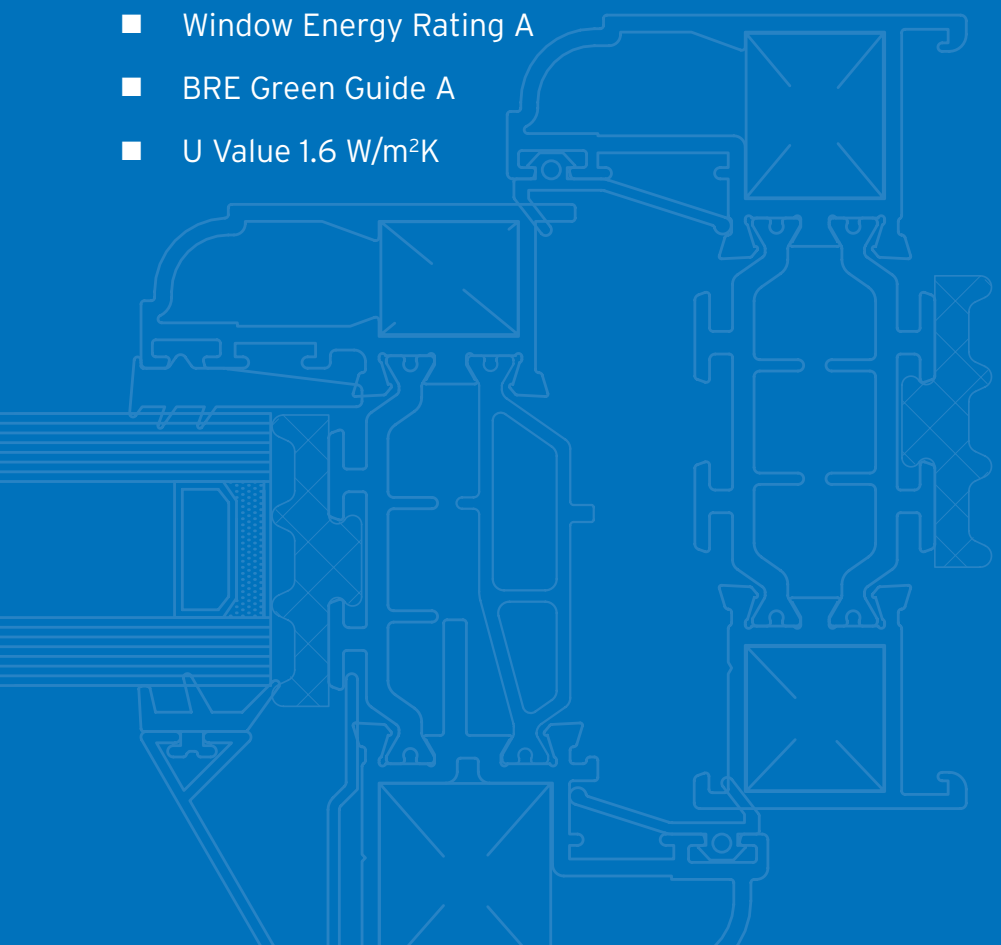
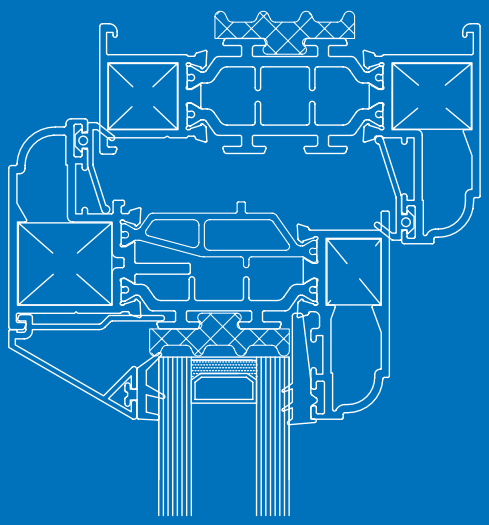
smart
architectural aluminium

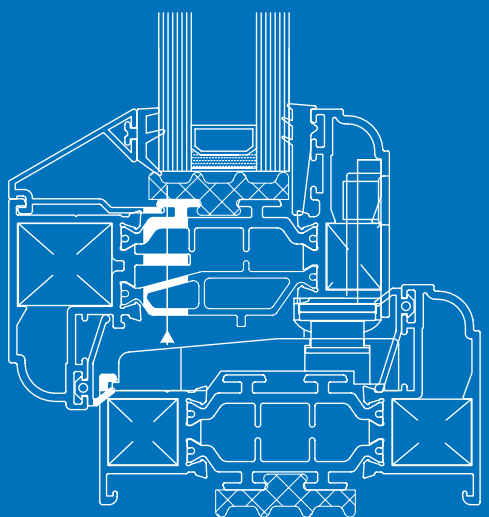
Alitherm 800

A superior thermal performance aluminium window that is ideal for residential applications.

- Window Energy Rating A
- BRE Green Guide A
- U Value 1.6 W/m²K







Alitherm 800

Alitherm 800 is designed for projects that demand the highest quality aluminium window. All profiles are extruded from 100% recycled aluminium billet and feature extended, chambered polyamide thermal breaks allowing Alitherm to achieve excellent thermal performance. Alitherm 800 achieves both Window Energy Rating and BRE Green Guide A ratings.

Application

All general residential & light commercial applications

Features

- Highest thermal performance window suitable for all residential applications
- Profiles extruded from 100% recycled aluminium billet
- Will achieve under 1.6w/m²K when used in conjunction with correct double glazed sealed unit
- Alitherm 800 windows achieve a W.E.R & BRE Green Guide 'A' Ratings
- Extended Polyamide thermal breaks provide excellent thermal performance

Finish

Single or dual colour, marine quality polyester powder coat as standard

Technical Performance

WER Rating	A
BRE Green Guide	A
U Value	1.6 W/m²K or better using correct sealed unit
Air	Test Result Pending
Wind	Test Result Pending
Water	Test Result Pending
Doc L 2010	Yes

Dimensions

Frame Depth	70mm
Glass	24mm, 28mm, 32mm double or triple glazed units

Recommended Design Limits

Side Hung Vent Max o/a width: 700mm

Side Hung Vent Min o/a widith: 300mm

Side Hung Vent Max o/a height: 1400mm

Side Hung Vent Min o/a height: 350mm

Maximum Vent weight: 28kg

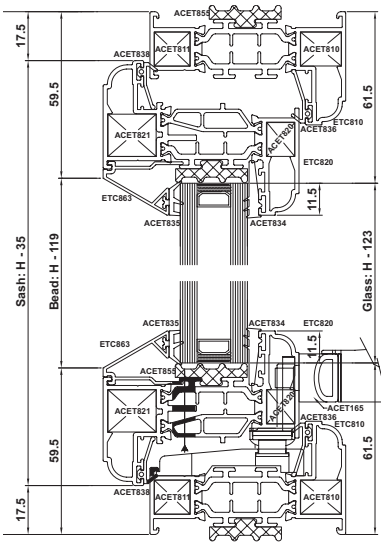
Top Hung Vent Max o/a width: 1400mm

Top Hung Vent Min o/a width: 350mm

Top Hung Vent Max o/a height: 1300mm

Top Hung Vent Min o/a height: 275mm

Maximum Vent weight: 40kg



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