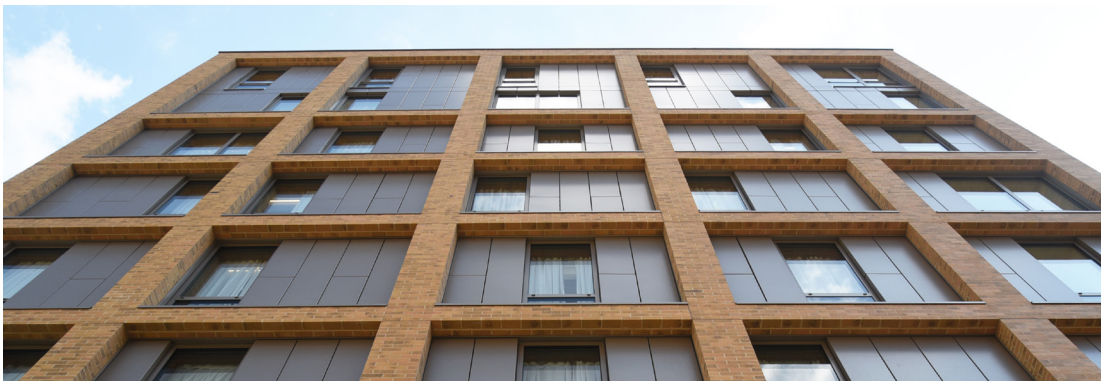
Comar

Product Data Sheet



Comar 5P.i Therm-L+ Casement

High thermal performance window meets aesthetic

Designed for the next generation of visually refined, high-performance building envelopes, Comar 5P.i Therm-L+ windows combine bespoke polyamides with a highly thermally efficzient injected-foam core for outstanding performance.

Ahead of the expected changes to Future Homes and Buildings Standards, it embodies Comar's design-led evolution of aluminium systems.

System Snapshot

- U-values as low as 0.67 W/m²k* (subject to glazing specification)
- Ideal for Commercial applications
- Contemporary design styling

*U values based on CEN sized window

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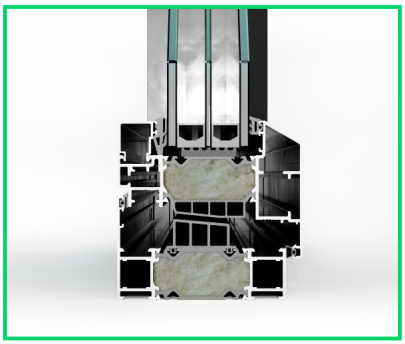
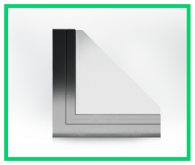




Key Features

- Profiles thermally broken with 'rolled in' low lambda polyamide profiles with the addition of a high thermal efficient injected foam
- Multi-light configurations with Fixed lights

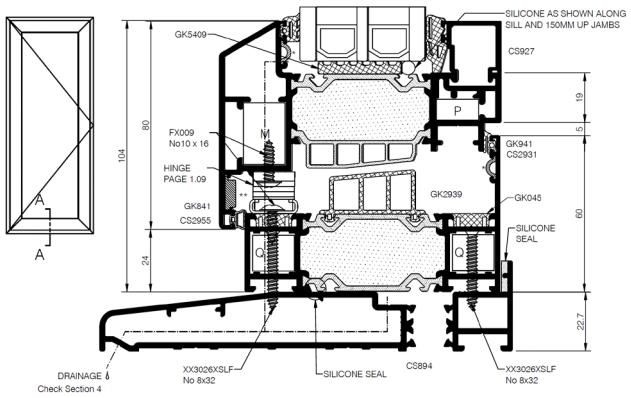
Materials

- Extruded aluminium is generally Aluminium Alloy 6060.T6/T66, 6063.T6/T66 to BS EN 755-9 and EN12020-2
- 70% recycled aluminium and recyclable at end of life
- Polyamide thermal barriers are manufactured in accordance with PA66 GF25
- Gasketry is manufactured in accordance with BS ISO 3302-1
- Fixings are A2 Stainless Steel

Finishes

- Polyester Powder Coating to BS EN 12206-1 Part 1. Surface finish to a minimum of 60 microns standard, or enhanced to suit requirements, in accordance with ISO 9001, ISO 14001 and ISO 45001
- Anodised finishes to BS3987 to a minimum of 25 microns (AA25)

Casement Window (Sill) - CS984, CS2931, CS2955



A	Face drained	Q	WS430XSLF corner cleat
B	Concealed drained	*	WS015 Chevron
M	WS337XSLF corner cleat	**	WS416 Alignment Square
P	WS353XSLF Corner cleat		

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Product Specifications

Sizes	
Maximum width *(tested sizes - see note*)*	2000mm
Maximum height *(tested sizes - see note*)*	2500mm
Outer frame depth	98mm
Sightlines	104mm
Fixed lights	60mm
Maximum sash weight	100Kg
Minimum U-Values *(CEN Standard)*	U-values as low as 0.67 W/m²k *(subject to glazing specification)*
Thickness	26mm - 60mm
Testing	
Security	PAS24:2022
Weather BS6375-1	Air Permeability 600Pa
	Water Tightness 600Pa
	Wind Resistance 2400Pa
Operation & Strength BS6375-2	✓
Operation & Strength BS6375-3	✓
CWCT & CAB industry standards	✓
Embodied Carbon	
Aluminium	as low as 4.0Kg CO2e/Kg

**Maximum tested sizes (W × H): 1352 × 1532mm*

For further information, please refer to the fabrication manuals.

FM 679527 EMS 679524

Police Preferred Specification

Interested in learning more?

Contact **projects@builtwithbailey.com** or visit builtwithbailey.com or scan the QR code.

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