



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 efficient 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 with triple glazing & 1.0 W/m²k with double glazing.



Residential or commercial



Contemporary design styling



Double and triple glazed



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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

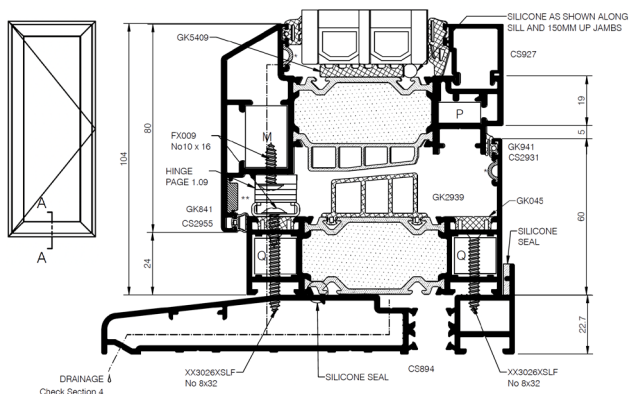
Materials

- ✓ 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

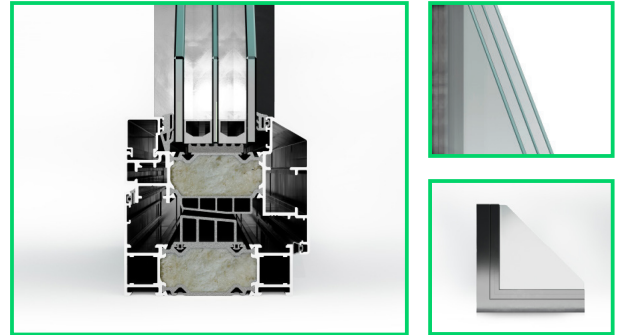
- ✓ Polyester Powder Coating to BS EN 12206-1 Part 1. Surface finish to a minimum of 60 microns standard, or enhanced to suit requirements, in accordance with ISO 9001, ISO 14001 and ISO 45001
- ✓ Anodised finishes to BS3897 to a minimum of 25 microns (AA25)

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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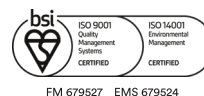


Product Specifications

Tested Sizes		mm
Maximum width	Top-hung	1352 (1400*)
	Side-hung	1000
Maximum height	Top-hung	1532 (1600*)
	Side-hung	1532 (1600*)
Outer frame depth	98mm	
Sightlines	104mm	
Fixed lights	60mm	
Maximum sash weight	100Kg	
Minimum U-Values (CEN Standard)		
Double glazed	1.1 W/m²k	
Triple glazed	0.67 W/m²k	
Glazing		
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	✔	
Acoustics		
Acoustics performance (IGU Dependent)	42dB reduction achievable	
Embodied Carbon		
Aluminium	as low as 4.0Kg CO2e/Kg	

* Outerframe sizes

For further information, please refer to the fabrication manuals.



FM 679527 EMS 679524



Interested in learning more?

Contact ask@builtwithbailey.com or visit builtwithbailey.com or scan the QR code.

