

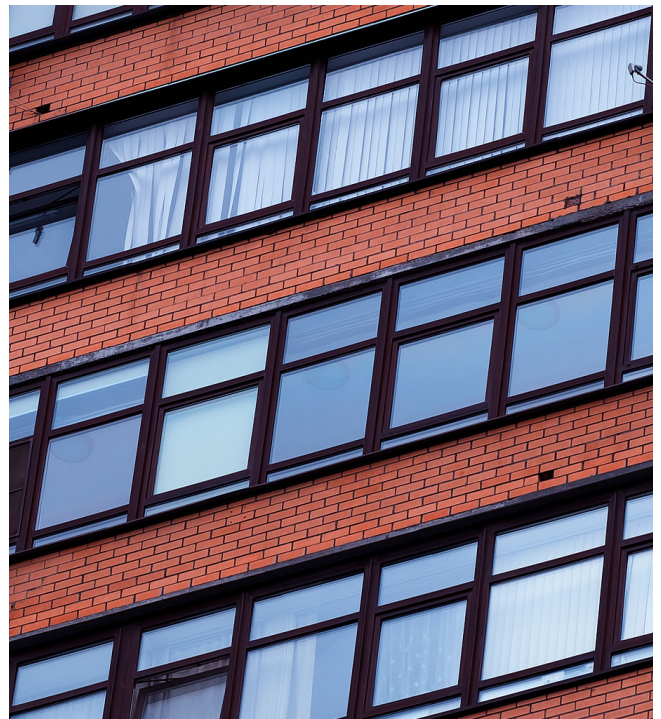


Comar 5P.i Therm-L+ Tilt/Turn

Thermal efficiency that complements your design vision

Designed for the next generation of visually refined, high-performance building envelopes, Comar 5P.i Therm-L+ Tilt/Turn 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 $0.67\text{W/m}^2\text{k}^*$
(subject to glazing specification)



Ideal for Commercial applications



Contemporary design styling

Comar 5P.i

Therm-L+ Tilt/Turn

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
- ✓ Accepts up to 60mm thick glass or panels
- ✓ Utilises spring loaded cleats to enable fast-track manufacture

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)

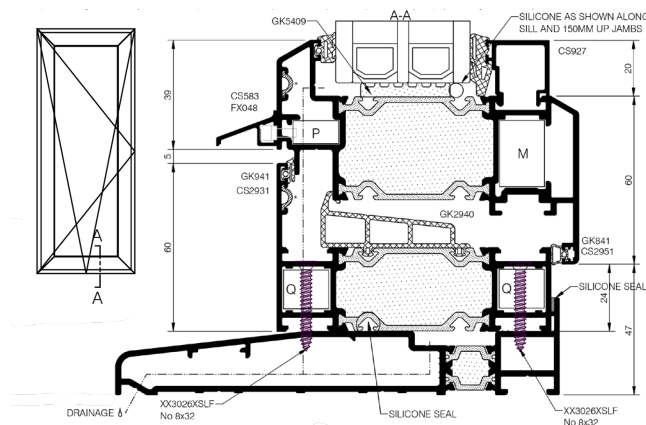
Product Specifications

Sizes	
Maximum width (tested sizes - see note*)	1600mm
Maximum height (tested sizes - see note*)	2400mm
Frame depth	98mm
Sightlines	104mm
Fixed lights	50mm
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 x H): 1353 x 1553mm

For further information, please refer to the fabrication manuals.

Tilt/Turn Window Section View - Low Threshold Jamb



- | | |
|--------------------------|---------------------------|
| A Face drained | Q WS430XSFL corner cleat |
| B Concealed drained | * WS015 Chevron |
| M WS337XSFL corner cleat | ** WS416 Alignment Square |
| P WS353XSFL Corner cleat | |



Interested in learning more?

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



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