



5Pi Therm-L+

High performance window system

Following the successful launch of the Therm-L+ casement window, Comar are now pleased to be adding to the portfolio with the addition of the high performance tilt turn window. Combining exceptional thermal, weather and security performance with enhanced aesthetics and design flexibility, the Therm-L+ is ideal for use in all residential and commercial buildings and continues to demonstrate Comar's innovative approach to the design of aluminium products.

5Pi Therm-L+

High Performance Window System

U-values as low as
1.0w/ m²k with double
glazing & **0.67w/m²k**
with triple glazing



The Eco choice



Residential or
commercial



Contemporary
design styling



Double and
triple glazed



Features and benefits

- As with the Therm-L+ Casement window, the combination of bespoke polyamides and a highly thermal efficient injected foam core result in superior aesthetics and outstanding thermal performance, without any need for compromise
- Will easily comply with the expected changes to the Future Homes and Future Buildings standards
- Fully tested to PAS 24: 2022, with tried and tested locking hardware, ensures the highest level of reassurance to the homeowner or building owner
- Integrates seamlessly with our Comar 7Pi Therm-L+ systems, providing a multitude of design options
- Made from 70% recycled aluminium and 100% recyclable at end of life

Technical specification

- Profiles are thermally broken with 'rolled in' low lambda polyamide profiles with the addition of a high thermal efficient injected foam
- The 5Pi Therm-L+ tilt turn has been designed to meet the demands for windows with very low U-values. U-values as low as 1.0w/ m²k with double glazing & **0.67w/m²k** with triple glazing
- Embodied carbon as low as 4.0 kgCO₂e/Kg of aluminium
- Slim 98mm outer frame
- Sightlines 104mm Casement window and 50mm fixed light
- Minimum sash width: 625mm
- Maximum tested sizes: height 1600mm and width 1400mm. Based on a Design Wind Pressure of 2400Pa. Larger sizes can be manufactured where lower wind loading is present. Please contact our Technical Department for advice
- Maximum weight: 150kg
- Concealed hinges for clean lines
- For full details refer to the fabrication manuals

Performance & Testing

- Weather tested to BS6735: Part 1 - 2400Pa Design wind pressure
- Operation & strength tested to BS6735: Part 2
- Additional performance characteristics to BS6735: Part 3
- Security tested PAS24: 2022
- In addition, the window system conforms to recognised industry standards as adopted by Centre for Windows & Doors (CWCT) and trade associations such as the Council for Aluminium in Building (CAB)

Finishes and colours

- Available anodized or polyester powder coated
- Grey 7016, Black 9005 and Hipca white as standard
- Other RAL colours on short lead times
- Dual colour option available

Applications

- Suitable for use on all residential and commercial buildings

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