



LET'S BUILD A BETTER FUTURE

## Slimline Windows **MB-79N CSF**

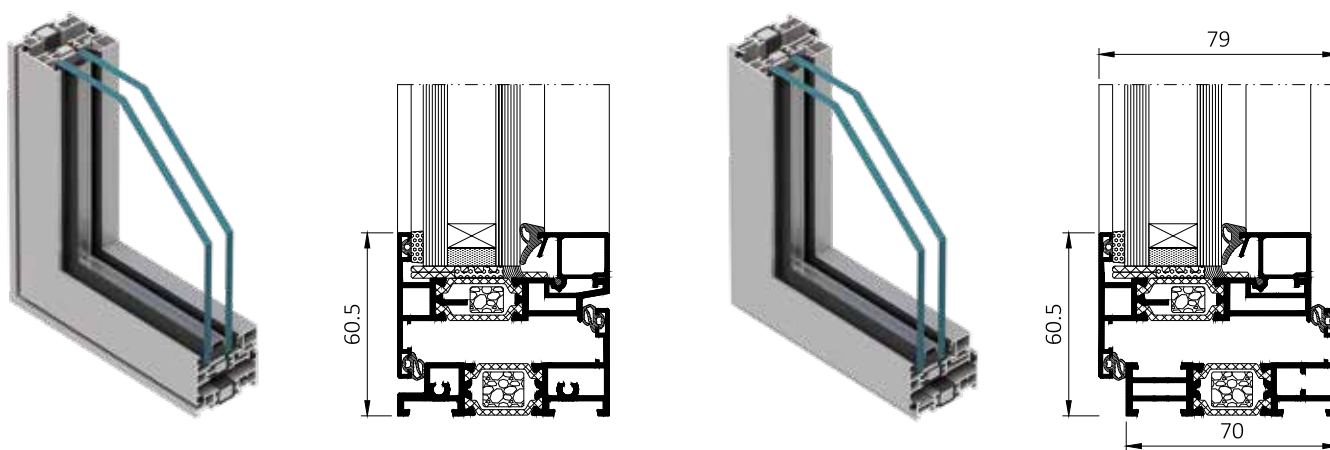
MB-79N CSF outward-opening slim-profile windows are designed for the most demanding clients in the UK and Ireland, offering advanced technology and refined details. This makes them an excellent choice for manufacturers, architects, developers, and homeowners who prioritise quality, aesthetics, and energy efficiency.

With a thermally broken three-chamber profile, MB-79N CSF combines minimalist design with high insulation performance. Its versatility allows for the creation of various window types, including fixed, side-hung, and top-hung configurations. The system is available in two aesthetic options: a flush variant, in which the sash and frame sit flush on the exterior plane, and a non-flush variant-reminiscent of a traditional casement style- enhancing the window's architectural expression.

The product is designed to accommodate diverse needs and is available in two thermal insulation variants. The MB-79N CSF ST version delivers solid thermal performance, well-suited for a wide range of applications. Meanwhile, the MB-79N CSF SI version is enhanced with dedicated insulating inserts located within the thermal barriers, significantly improving thermal efficiency. This makes the MB-79N CSF system suitable for both residential and commercial applications, allowing for tailored solutions that meet specific design and energy requirements.



modern design and functionality



The flush variant of window

The non-flush variant of window

## MB-79N CSF ADVANTAGES FOR FABRICATORS:

- **Streamlined fabrication** – the manufacturing process has been optimised for ease and efficiency, supported by dedicated tooling.
- **Versatile applications** – the ability to create different window types (fixed, side-hung, and top-hung) in two design variants (flush and non-flush).
- **Unique market advantage** – the hybrid hinge represents a significant advancement in UK and Ireland window design, enabling the use of heavier window elements in construction projects.

## MB-79N CSF ADVANTAGES FOR ARCHITECTS:

- **Minimalist aesthetics** – slim profiles and a wide range of colour options support modern, visually appealing designs.
- **Design flexibility** – the choice between flush and non-flush configurations allows seamless integration with a broad spectrum of design intents.
- **Energy efficiency** – the system meets energy-saving and environmental performance standards.

## MB-79N CSF ADVANTAGES FOR DEVELOPERS AND HOMEOWNERS:

- **Reduced energy costs** – excellent thermal insulation helps lower heating expenses.
- **Security and comfort** – optional anti-burglary enhancements and high-spec glazing options improve both safety and peace of mind.
- **Long-term durability** – anodised or powder-coated profiles ensure resistance to weather conditions and years of trouble-free use.

TECHNICAL SPECIFICATION	MB-79N CSF WINDOWS
Frame depth	70 mm
Casement depth	70 mm
Glazing thickness	frame and vent: 10.5 – 42 mm
Max. casement size (W×H)	side hung casement windows: W to 1500 mm, H to 1000 mm, top hung casement windows: W to 1500 mm, H to 1500 mm

PERFORMANCE	MB-79N CSF WINDOWS
Air permeability	class 4 (600 Pa), EN 12207
Watertightness	class E1950, EN 12208
Windload resistance	C4/B4 (2000 Pa), EN 12210

