



LET'S BUILD A BETTER FUTURE

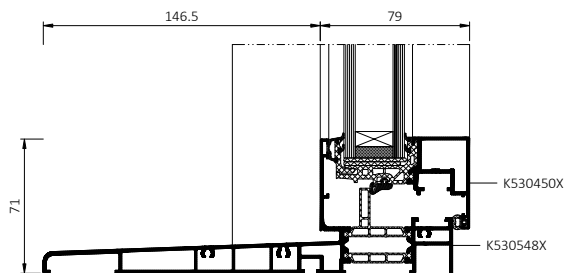
## Windows for New-Build Projects **MB-79N MONO**

MB-79N MONO is a modern monoblock window system developed for new-build projects and designed to meet the requirements of the French market. It enables installation within the insulation layer for insulation depths ranging from 100 to 180 mm, in line with current energy-efficient building standards. Specially designed frames allow the insulation to be concealed neatly, creating an elegant and consistent façade finish. Slim profiles and the option of a concealed sash ensure a minimalist aesthetic and excellent daylight penetration.

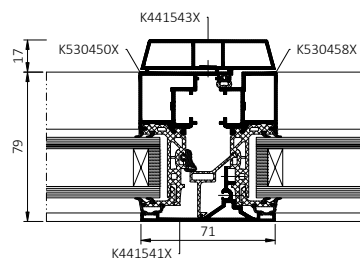
MB-79N MONO windows are available in a wide range of configurations, including single- and double-sash windows as well as fixed lights. The cost-efficient construction, available in E, ST and ST+ thermal variants, supports the building's energy performance. Innovative solutions help accelerate prefabrication and installation, while the internal rebate eliminates the need for additional finishing works. An additional advantage of the system is the option to integrate SKT OPOTERM top-mounted roller shutters. MB-79N MONO window components are manufactured in line with the principles of sustainable construction. The aluminium profiles can be produced using low-carbon or even ultra-low-carbon aluminium, and at the end of their service life they are fully recyclable.



aesthetics and modernity



window section



section through the floating mullion

## BENEFITS OF MB-79N MONO WINDOWS FOR FABRICATORS:

- Aesthetic concealed drainage system – eliminates the need for additional drainage caps, simplifying installation and improving the final appearance
- Co-extruded glazing bead with gasket – reduces the number of components and shortens prefabrication time
- Co-extruded thermal break with integrated internal glazing gasket – reduces the number of assembly operations, improving production efficiency
- Option to incorporate a central gasket within the sash – enhances thermal performance and air tightness without complex modifications
- ST frame with separation of wet and dry zones – a polyamide fin provides technical separation between the zones, improving the durability, resistance and long-term reliability of the window system

## BENEFITS OF MB-79N MONO WINDOWS FOR ARCHITECTS:

- Contemporary design, durability and lightweight construction – an innovative combination of advanced solutions and a robust yet lightweight structure, ensuring long-term performance and user comfort
- Minimalist aesthetics and maximum daylight – slim profiles and concealed construction elements maximise natural light while enabling clean, refined architectural designs
- Concealed sash and hidden drainage – pure, uninterrupted lines without visible technical elements, reinforcing the modern minimalist appearance of the façade
- Consistent visual appearance across the window range, ideal for contemporary and industrial-style projects

## BENEFITS OF MB-79N MONO WINDOWS FOR DEVELOPERS AND HOMEOWNERS:

- Aesthetic solutions, high functionality, slim aluminium profiles and a wide range of configurations: single-sash windows, double-sash windows with floating mullion, and fixed lights

TECHNICAL SPECIFICATION	MB-79N MONO
Frame depth	70 mm
Leaf depth	79 mm
Glazing thickness	28 mm and 32 mm
Maximum door leaf dimensions (H×W)	H to 2200 mm, W to 1000 mm

PERFORMANCE	MB-79N MONO
Air permeability	to klasy 4, EN 12207
Watertightness	to 1950 Pa, EN 12208
Wind load resistance	class C3 (1200 Pa) / B3 (1200 Pa) EN 12210
Thermal insulation	$U_w$ from 1,2 W/(m <sup>2</sup> K)*

\* -  $U_w$  value for a fixed MB-79N MONO window with sash dimensions of 1000 × 2200 mm and  $U_g=1,0$  W/(m<sup>2</sup>K)