

**NEW
&
INNOVATIVE**

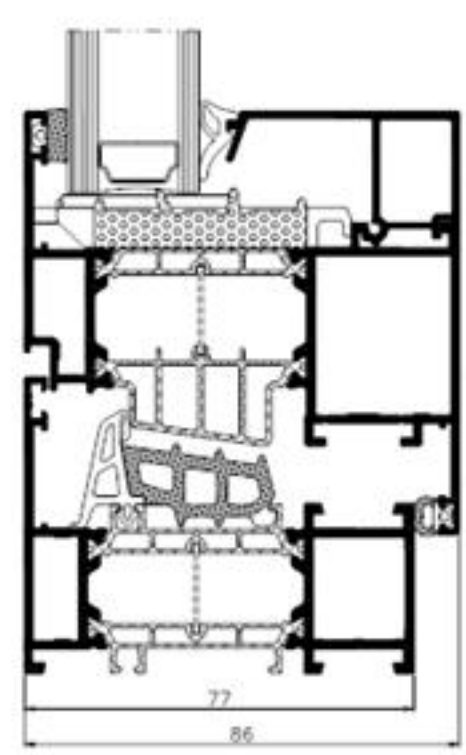
• U_f from 0,5 W/m²K

• Innovative technology

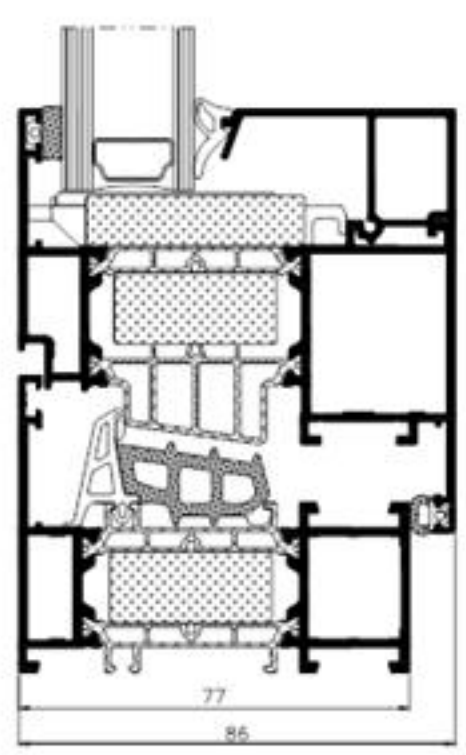
• Large unit sizes

Window and door system

MB-W86



Opening window MB-W86 ST, SI

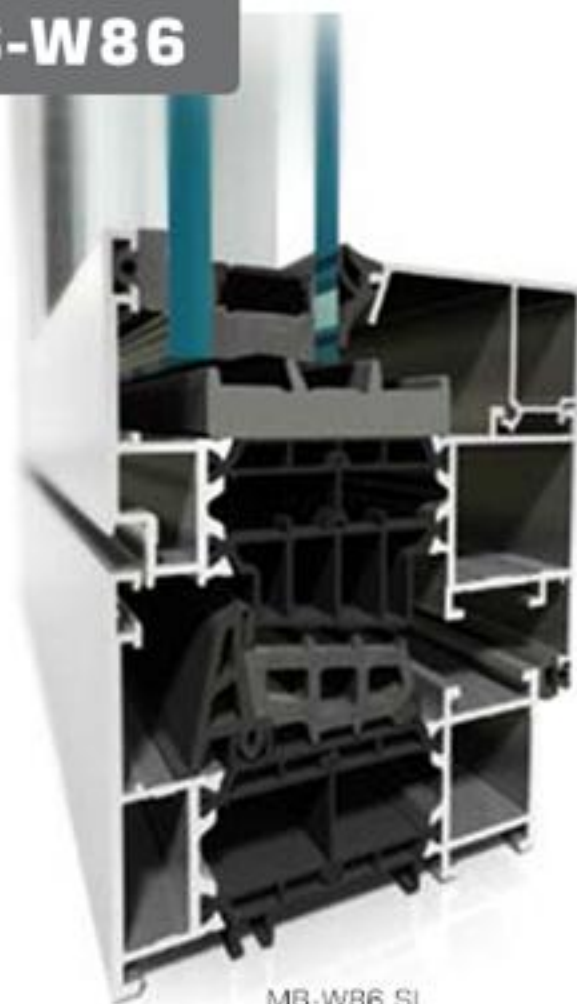


Opening window MB-W86 AERO



The new MB-W86 window and door series have been designed to offer outstanding insulation properties. It meets the increasing requirements from the legislative and general market demands for the enhanced energy saving construction of new windows and doors. Offered in three varieties ST, SI and AERO it is the first aluminum system to employ combination of silica aerogel and a non woven, glass fiber batting which helps achieve industry leading thermal performance. It also features exceptional rate of profiles inertia that allows for greater windows in size and weight.

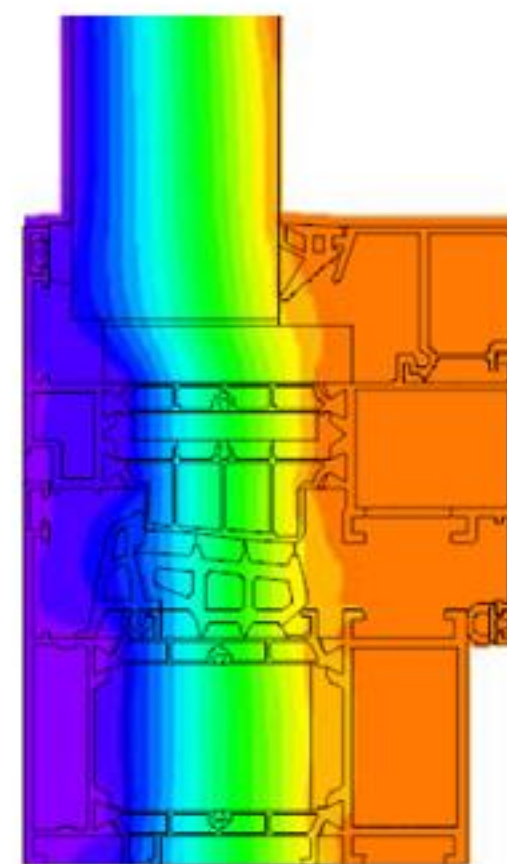
MB-W86



MB-W86 SI



MB-W86 AERO



Distribution of isotherms
- MB-W86 AERO variety

FEATURES AND BENEFITS

- large selection of profiles
- newly shaped, extra thick thermal breaks
- multi component central gasket
- glazing strips with additional sealing option
- glazing up to 67,5 mm enabling all types of two chamber glazing, acoustic and security, anti burglary glazing
- large, wire-free glass areas
- appropriate for variety of hardware including concealed hinges
- water draining available in both traditional and concealed options
- highly energy efficient from 0,5 W/m²K
- clean, sharp lines of narrow extruded aluminum framing
- multitude of finish options

TECHNICAL SPECIFICATION	MB-W86
Depth of frame	77 mm
Depth of leaf	86 mm
Window glazing range (frame / leaf)	13,5 – 58,5 mm / 21 – 67,5 mm
Size and weight limitations	
Maximum size of window (HxW)	H 2800 mm W 1700 mm
Max weight of window	200 kg

PERFORMANCE	MB-W86
Air Permeability	Class 4, EN 12207:2001
Watertightness	Class E 1500, EN 12208:2001
Thermal insulation window (U _f)	MB-W86 ST from 1,3 W/m ² K MB-W86 SI from 0,9 W/m ² K MB-W86 AERO from 0,5 W/m ² K
Accoustic insulation	to 40 dB