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MB-86 Fold Line

The aluminum folding system with a construction depth of 77 mm (sash) and 86 mm (frame) is designed for infills up to 63 mm thick, including triple-glazed units and insulated panels. A wide, glass fiber-reinforced polyamide thermal break ensures excellent insulation performance, even for large openings. Combined with double or triple sealing gaskets, the system delivers high energy efficiency. Reinforced aluminum profiles allow for large and heavy panels up to 100 kg each, maintaining structural integrity. Precision hardware and durable hinges enable the sashes to fold quietly and smoothly, stacking compactly to maximize open space. Advanced sealing technology blocks drafts, water, and dust. When paired with proper glazing, the system achieves sound insulation up to 42–45 dB. Security fittings up to RC2 class are supported, providing enhanced protection. Minimal visible profile widths contribute to a clean and modern appearance. A wide selection of RAL colors is available, including textured and wood-like finishes. Ideal for residential and commercial applications: terraces, winter gardens, cafés, offices. Aluminum is corrosion-resistant, UV-stable, and fully recyclable, offering long-term durability and environmental sustainability.

Details:

Frame size:	86 mm
Door leaf size:	77 mm
Number of leaves:	Up to 8 leaves for panoramic solutions
Central chamber:	Thermal barriers of 24 mm for frames and 34 mm for door leaves
Maximum leaf weight:	Up to 120 kg
Maximum door dimensions:	Height up to 3000 mm, width 700–1200 mm
Threshold types:	With a rotating seal or low threshold
Glazing range:	From 13.5 mm to 61.5 mm (single and double-chamber glass units)
Compatibility:	Common elements with the ALUPROF MB-86N system (profiles, seals, and accessories)

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