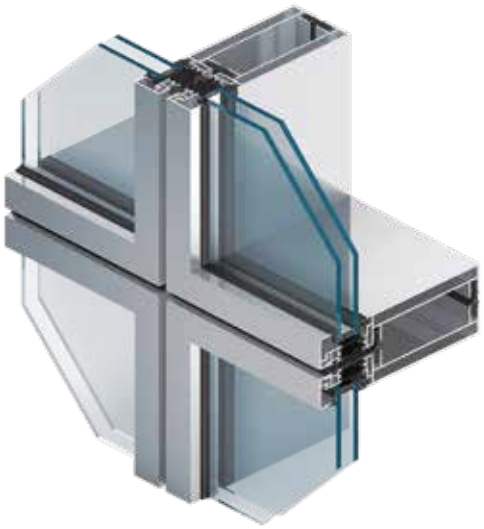
ALUPROF
ALUMINIUM SYSTEMS

LET'S BUILD A BETTER FUTURE

Façade systems

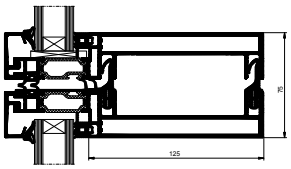
MB-SE75
MB-SE75 HI



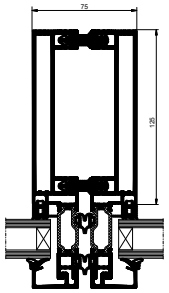
The MB-SE75 unitised curtain wall offers the advantage of rapid assembly giving the site and factory teams a distinct set of advantages. These include factory fabrication methods that allows for additional quality control, fast onsite installation without the need for expensive and time consuming scaffolding and both outer and inner modern look. It enables us to meet fast paced construction schedules as it requires only limited area access therefore building can be refurbished in one part with the occupants still being in the other parts.

a quick installation without an external scaffolding usage

The MB-SE75 system gives architects a wide selection of styles to create individual and stimulating building walls. It is capable of being used in any new construction project from two floors upward. The system is available in regular and advanced thermal insulation varieties. The latter uses special EPDM inserts to increase its insulating properties.



transom – cross-section



mullion – cross-section

FEATURES AND AESTHETICS

- highly aesthetic façades – individual modules, separated by narrow, 9mm wide joints
- wide variety of openable elements in façades: window and door systems with high thermal insulation, plus “frameless” outward-tilted constructions

TECHNICAL SPECIFICATION	MB-SE75 / MB-SE75 HI
Mullions depth	85 – 145 mm
Transom depth	84.5 – 144.5 mm
Inertia mullions (range Ix)	101.2 – 366.1 cm⁴
Inertia transoms (range Iz)	143.1 – 523.7 cm⁴
Glazing thickness	24 – 42 mm

PERFORMANCE	MB-SE75 / MB-SE75 HI
Air permeability	class AE1200, EN 12153; EN 12152
Water tightness	class RE1200, EN 12155; EN 12154
Windload resistance	2400 Pa, EN 12179; EN 13116
Impact resistance	class I5/E5, EN 14019
Thermal insulation	U_f from 1.5 W/(m²K)
Accoustic insulation	R_w to 40 dB

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