

FEATURES AND BENEFITS

- available as fixed, open in, tilt, turn, tilt and turn, tilt and slide windows
- 1 or 2 leaf doors open in or open out
- casement and pivot opening options
- lower cost door option
- glazing up to 40,5 mm
- multitude of finish options
- dual color option
- multi-point locking
- Eurogroove to broaden the choice of hardware available
- suites with other Aluprof's MB systems allowing total design flexibility and project solutions

TECHNICAL SPECIFICATION	MB-59S	MB-59SE	MB-59S CASEMENT	MB-59S PIVOT
Depth of frame (door / window)	50 / 50	50	50	50
Depth of leaf (door / window)	50 / 59	50	59	59
Glazing range mm (fixed window and door / opening window)	4,5 - 31,5 / 4,5 - 40,5	4,5 - 31,5	4,5 - 31,5 / 4,5 - 40,5	4,5 - 31,5
Min visible width T-profile				
Door / window frame	36,5 / 47,5	45,5	33,5	61
Door / window leaf	72,5 / 34,5	67,5	72,5	61
Size limitations				
Maximum size of window (HxW)	H 2400 mm W 1250 mm	-	H 2000 mm W 2400 mm	
Maximum size of door (HxW)	H 2300 mm W 1100 mm	H 2300 mm W 1000 mm	-	-
Max weight of doors / windows (kg)	100 / 130 kg	100 kg		180 kg
Types of constructions				
	Tilt window, turn window, tilt and turn window, Doors open out and open in	Economy doors	Top or side hung window	Pivot window with horizontal or vertical applications

PERFORMANCE	MB-59S	MB-59SE	MB-59S CASEMENT	MB-59S PIVOT
Air Permeability	Class 4 (600Pa) EN 1026:2001; EN 12207:2001	Class 2 (300Pa) EN 1026:2001; EN 12207:2001	Class 4 (600Pa) EN 1026:2001; EN 12207:2001	
Resistance to windload	Class 3 (1200Pa) EN 12211:2001; EN 12210:2001		Class 5 (2000Pa) EN 12211:2001; EN 12210:2001	CE2400 (2400Pa) EN 12210:2001
Impact resistance	Class 3 (800N),	Class 4 (1000N),	-	-
Watertightness	Class 9A (600Pa) EN 1027:2001; EN 12208:2001	Class 3A (100Pa) EN 1027:2001; EN 12208:2001	E1050 (1050Pa) EN 1027:2001; EN 12208:2001	AE750 (750Pa) EN 1027:2001; EN 12208:2001
Thermal insulation U_f (W/m ² K)	from 2,0	from 2,8	from 2,3	-



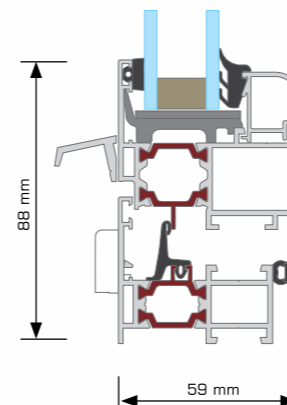
• Variety of applications

• Flexibility of design

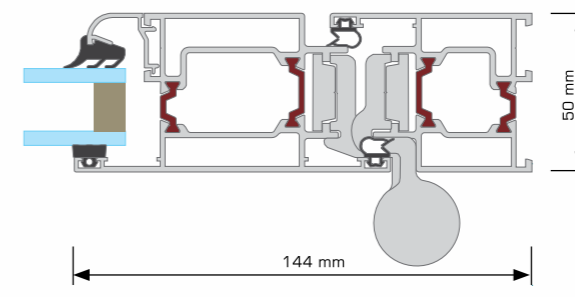
• Good weather protection

Window and door system

MB-59S



Opening window - cross-section



Door - cross-section



The MB59S series has been designed to give specifiers an integrated window and door system developed to set new standards through its flexibility of design combined with basic thermal and acoustic performance. It is the base for standardised tilt and turn types of windows as well as casement and pivot windows, along with outstandingly cost efficient modern doors and combination of doors with windows offered under SE subbrand name.

