

MB-59S CASEMENT outward opening windows are a part of the door and window system MB-59S with a thermal barrier, manufactured by ALUPROF S.A. The MB-59S CASEMENT is a modern construction designed to execute performance efficient top-hung or side-hung outward opening windows, requiring thermal and acoustic insulation, equipped with friction or butt hinges. This type of windows may be fitted in masonry or mounted in mullion/transom façade.

The constructional depth of window profiles equals: 50 mm (outer frame), 59 mm (sash). Internal surfaces of frame and sash are aligned.

The system has applied moulded thermal breaks of "omega" shape, 16 and 22 mm wide, made of polyamide reinforced with fibreglass. Such shape of breaks enhances rigidity of profiles as compared to flat breaks and facilitates drain from profiles.

The profiles are equipped with grooves of such dimensions as to enable fixing of multiple locking sets and connecting members in accordance with EURO standard. The MB-59S CASEMENT system features fittings of highly renowned companies, such as Sobinco or Securistyle.

Working required in connecting profiles is reduced to minimum, as in the MB-59S, thanks to the application of aluminium connecting members and auxiliary accessories provided with the system.

Window panes and other types of filling are fitted by means of glazing beads and gaskets. The system allows for the application of glazing sets of thickness ranging between 4,5 mm and 40,5 mm in window sashes, and between 4,5 mm and 31,5 mm in fixed windows and door leaves.

Glazing and closing gaskets as well as central gasket are made of synthetic rubber EPDM. External glazing bead is fitted as continuous stripping, without corner cuts. The ends of gasket are joined in mid-length of crossbar of a window frame. Such system of glazing secures perfect tightness to water and air infiltration. Glazing beads are hardly visible from the outside, which adds considerably to an overall appearance of the window. Internal glazing beads and closing gaskets also do not require corner cutting, thus fitting time is shorter, window tightness enhanced and the appearance improved.

Each construction made in the MB-59S CASEMENT system must be equipped with efficient drainage and ventilation system, deflecting water from the pane chamber as well as from the space between the sash and frame. Ventilation and drainage holes are covered from the outside with plastic sheaths.

In the event of any queries or doubts, ALUPROF S.A. specialists are always ready with their assistance and advice.

