

# MB-59S PIVOT, MB-59S PIVOT HI

The pivot window

The pivot window MB-59S is a part of the door-and-window system with thermal barrier, manufactured by ALUPROF S.A. The MB-59S PIVOT is a highly modern construction applied when there is a thermal and acoustic insulation requirement for windows with vertical or horizontal axis of rotation. Windows of this type may be fitted both in a wall opening or in a mullion-transom facade.

Pivot windows with a vertical axis of rotation should be fitted in roofed walls, not exposed to direct rainfall or snowfall. Structural analysis should be based on the information, methods and dimensions contained in the production catalogue MB-59S. Rotary hinges ensure turning of the window sash within operating range between 0° and 180°. Hinges may be optionally equipped with the system blocking the opening of the window up to the value of 22°. When the handle of the blocking system has been turned, the sash may be rotated by 180° for the convenience of safe and comfortable cleaning of the outer surface of the window. Window panes or other fillings are secured by means of glazing beads and gaskets. The construction of the window allows for the application of pane sets of the thickness ranging from 4.5 mm to 31mm. Tightness to water and air infiltration is secured due to the application of special EPDM synthetic rubber gaskets. High accuracy during working and assembling of the construction substantially contributes to the tightness of windows. Each pivot window designed to be fitted in external development must be equipped with efficient ventilation and drainage 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 a plastic sheath. Should there arise any questions or queries, ALUPROF S.A. specialists are ready to provide any help and advice.

