

The construction of automatically and manually operated sliding doors presented here enables execution of thermally insulated door leaves MB-59S Casement as variant I and II, MB-70 Casement as variant I and II or leaves without a thermal break MB-45 as variant I and II. Variant II allows for fabrication of the structure with an 8mm safety clearance.

Sliding door leaves can be mounted to masonry, MB-SR50N or MB-TT50 mullion/transom façade or to the display window construction based on profiles of such systems as MB-45, MB-59(HI), MB-60(HI), MB-70(HI), MB-86(ST,SI,AERO). These systems are equipped with wide crosspieces and frames which enable fitting most types of automatic gear available on the market (e.g. Geze, Dorma, Besam).

The constructional depth of leaf profiles in the case of profiles with thermal insulation is 50mm (MB-59S CASEMENT), 70mm (MB-70 CASEMENT), while in the case of “cold profiles” it is 45mm (MB-45). Sliding leaves installed in external development, in view of the applied brush gasket and lack of a doorsill should be protected against direct exposition to rainwater.

