

MB-60US, MB-60US HI

Window system with hidden sash

The MB-60 Hidden Casement system is a part of the window/door system with a thermal break MB-60. The windows produced from the elements of this system have casements that are unseen from the external side of the building. In the row of adjacent fixed and openable windows all the compartments look the same from the outside. The width of window frames from the external side is small, what makes the structure look slender and light.

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The characteristic feature of the system is its close connection with the other systems of ALUPROF S.A. Adapting such a design allowed achieving and applying many common elements, e.g. common glazing beads, corner joints, sealing strips, glazing and closing gaskets, common hardware and many identical technological processes such as pinning of connecting elements of lacings and crossbars, gluing corners joints, cutting out various recesses, etc.

This is a version of the system with an improved thermal insulation: MB-60US HI. The improved thermal insulation is obtained by placing special inserts in the central chambers of aluminum profiles. Owing to a low value of the heat-transfer coefficient, the inserts reduce heat transfer through the structure and simultaneously reduce convection and thermal radiation in them.

