

For Lift & Slide Doors

# MB-59HS

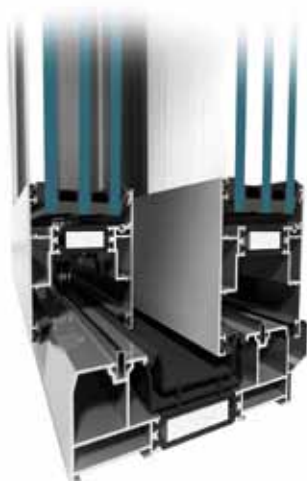
Lift & slide door is the perfect integrating element that connects rooms or winter gardens with external spaces. It provides a convenient exit to the balcony, terrace or garden. When in the open position, the door does not take up space inside the room, whilst enabling a very good contact with the environment which further increases the comfort of use. **MB-59HS** gives you great possibilities in applications of lift & slide doors, and is the optimized solutions in terms of construction and dimensions of its profiles and frames.

In terms of thermal insulation, **MB-59HS** profiles have two different variants: ST and HI. The range of available profiles include 2- and 3-rail frames, and leaves that are adapted to two heights of rolling devices. A wide range of glazing enables the use of double and triple glazing units, including safety and sound insulation units. Due to its characteristics, the **MB-59HS** can be used in various types of buildings: individual buildings, hotels or apartments.

▪ *wide range of solutions*

▪ *optimal constructions*





## FEATURES AND BENEFITS

- durable and slender profiles enable screens of a low-threshold door of the weight of the leaf of up to 400 kg, height – up to 3.2 m and width - up to 3,3 m
- a wide range of glazing options, allowing application of double or triple glazed units combined with thermal breaks as well as additional inserts, enable achieving high thermal and acoustic insulation of the door.
- for aesthetic values glazing beads come in three options: Standard (rectangular), Prestige (rounded) and Style (shaped)
- closed shape of glazing beads and anti-jemmy details provide enhanced security properties without altering any essential constructional elements of the door
- unique gasket designs, together with quality hardware, ensure top end weather and air tightness performance
- profiles adapted to accommodate a number of manually or automatically operated hardware available on the market
- possibility to drive the doors with automatic "HS-Master" mechanism controlled with a push-button or remote control
- safe use of even large and heavy doors thanks to "HS Speed Limiter" mechanism available in the system
- a large degree of compatibility with the MB-86 system creates an aesthetic combination of the MB-77HS doors with windows, and using the same components in the fabrication process
- a wide range of colour schemes allows for arrangement of doors to meet any individual requirements

TECHNICAL SPECIFICATION	MB-59HS ST / MB-59HS HI
Frame depth	120 mm (2-rail profile), 199 mm (3-rail profile)
Leaf depth	59 mm
Glazing thickness	up to 42 mm
PROFILE WIDTH, AS SEEN FROM THE OUTSIDE	
Frame	44 mm
Leaf	83,5 – 94,5 mm

PERFORMANCE	MB-59HS ST / MB-59HS HI
Air tightness	class 3, EN 12207
Watertightness	class 7A, EN 12208
Wind tightness	up to C2 class, EN 12210
Thermal insulation	$U_f$ from 1,8 W/(m <sup>2</sup> K)