



## Lift & slide balcony door system

# MB-59 SLIDE

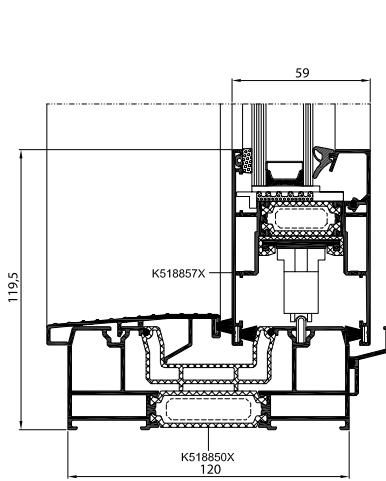
**MB-59 Slide** system has been designed to fabricate thermally-insulated sliding doors to be integrated in masonry walls, aluminum curtain walls, winter gardens or window walling. Sliding doors, especially large ones, can make living space visually bigger by combining it with the external terrace or garden. In terms of thermal insulation, **MB-59 Slide** profiles have two different variants: ST and HI. The range of available profiles include 2- and 3-rail frames. A wide range of glazing enables the use of double and triple glazing units, including safety and sound insulation units. The system can be used in various types of buildings: individual buildings, hotels or apartments.

▪ *short prefabrication time*

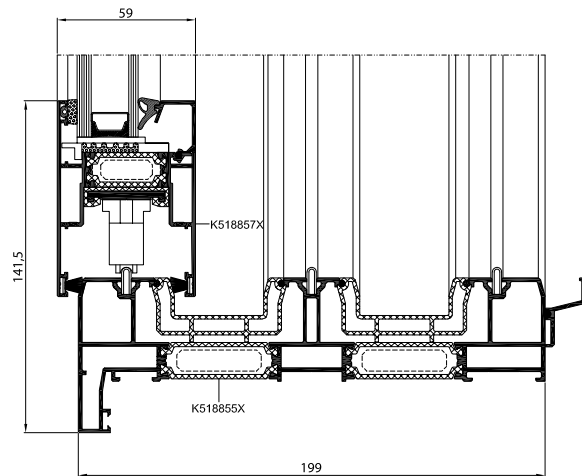


### FEATURES AND BENEFITS MB-59 SLIDE

- important dimensions of the door leaves: height up to 2.6 m, width up to 1.8 m; and max. leaf weight up to 160 kg
- slender and robust, 3-chambered profiles with insulating chamber equipped with wide thermal breaks in the central part
- 2-or 3-rail frames that enable the fabrication of doors with wide clear passage size
- large glass thickness to be fitted in the door leaves (up to 42 mm), to bring flexibility in choosing the appropriate glass;
- possibility to use most of the sliding door hardware available on the market
- doors can be mounted individually or as part of larger constructions: mullion and transom curtain walls or winter gardens
- maximally simplified construction technology to reduce time and cost of fabrication
- compatibility with other Aluprof systems – possibility to use common components



Door with 2-rail frame, view



Door with 3-rail frame, view

TECHNICAL SPECIFICATION	MB-59 SLIDE / MB-59 SLIDE HI
Frame depth	120 mm (2-rail profile), 199 mm (3-rail profile)
Leaf depth	59 mm
Glazing thickness	10,5 mm – 42 mm
MINIMAL PROFILE WIDTH, AS SEEN FROM THE OUTSIDE	
Frame	44 mm
Leaf	83,5 mm

TECHNICAL SPECIFICATION	MB-59 SLIDE / MB-59 SLIDE HI
Air tightness	class 3, PN-EN 12207:2001
Water resistance	class 6A, PN-EN 12208:2001
Wind load resistance	class C3, PN-EN 12210:2001
Thermal insulation	$U_f$ from 1,9 W/(m <sup>2</sup> K)