



Lift and slide door system **AS 178HS MODERN**

This novelty in the Aluron offer is used for the execution of large-size lift-and-slide doors with thermal insulation that perfectly match the design of modern houses.

Due to a number of facilitating solutions included in the design, the AS 178HS MODERN system ensures quick and easy prefabrication and assembly.









The designers also reduced the number of elements required for the execution of a structure. The introduction of frame profiles cut at an angle of 90°, joined with screws, allows for the frame to be transported in parts and for the structure to be assembled on site.

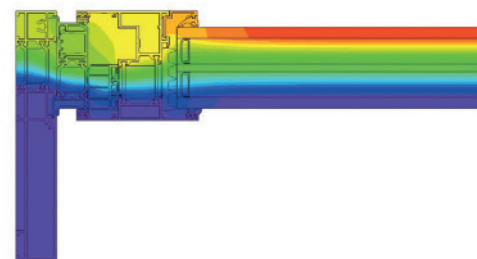


SELECTED SYSTEM PARAMETERS

| | | | |
|---------------------------|------------------|-----------------|-------------------------|
| od 0,7 W/m ² K | class 4 | class 9A | class C3/B3 |
| Thermal insulation Uw | Air permeability | Water tightness | Resistance to wind load |

DESIGN & FUNCTIONALITY

-  System is available in the following arrangements: A, C, G, K.
-  System compatible with linear drainage solution and the AS M system mosquito net.
-  Possibility of using fittings with a latch hidden in the door bolt. No need for additional milling for the hitch pocket.
-  Use of a new profile for permanent glazing. Elimination of the need to screw the profile to the frame.
-  Use of a circumferentially mounted acoustic seal.
-  Possibility of executing all-glass internal and external corners.
-  Solution with a low, warm threshold.
-  Solution available in ULTRA variant with 25 mm wide central mullion.

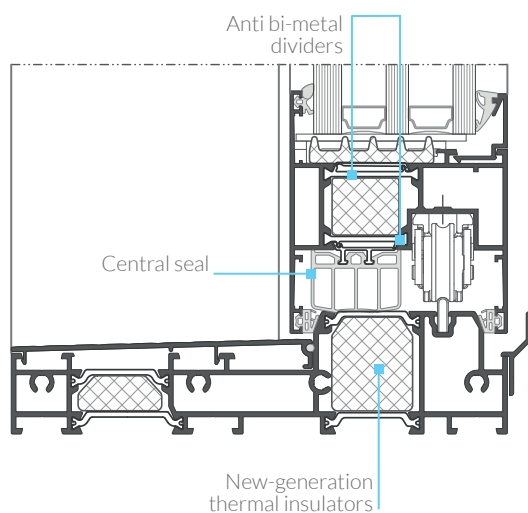


Temperature distribution

SYSTEM CHARACTERISTICS

| | | | | | |
|------------------|-----------------|------------------|----------------|------------------------------------|-------------------|
| 3300 mm | 3300 mm | 600 kg | 25 mm / 50 mm | 59 mm | 78 mm |
| Max. sash height | Max. sash width | Max. sash weight | Narrow mullion | Max. thickness of the glazing unit | The depth of sash |

Cross-section through sliding doors at floor level



Side section through sliding doors

