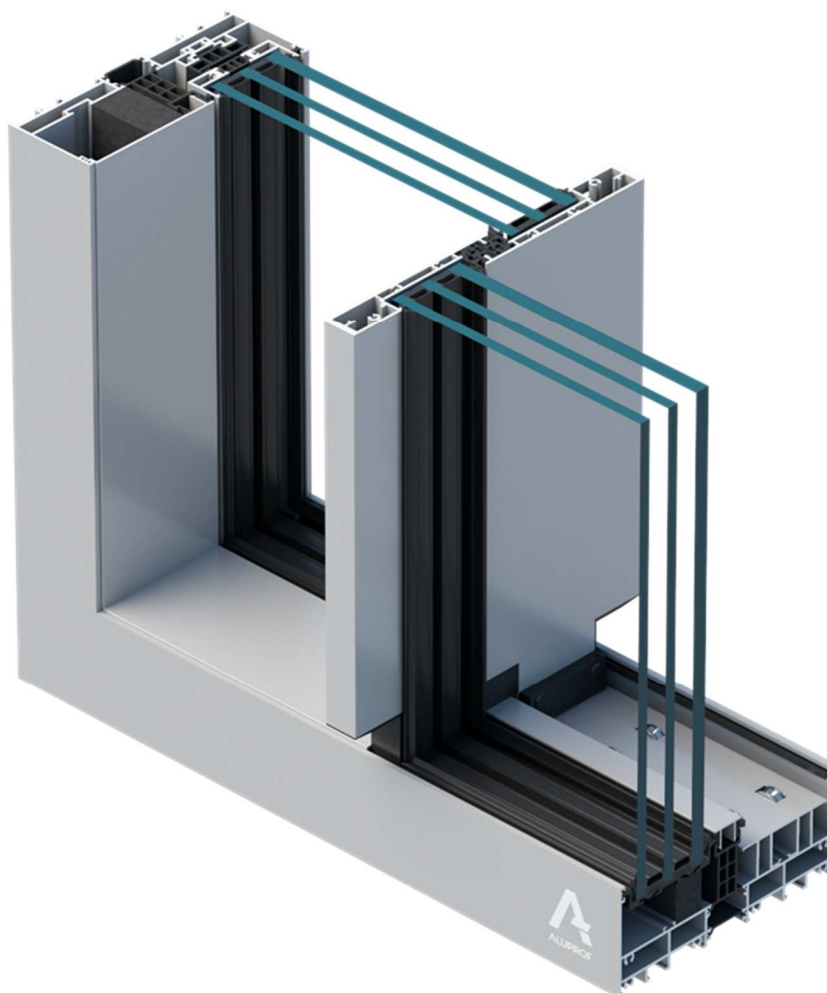


MB-SKYLINE TYPE R

Sliding door with a concealed frame



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Thank you for your interest in Aluprof's products.

Welcome to the group of professionals using BIM models in Autodesk® Revit. All of our Revit families are created on the basis of our company's real products.

In this document we would like to present the possibilities of the BIM models of MB-Skyline Type R sliding doors.

1. Technical parameters of MB-SKYLINE TYPE R door.

AIR PERMEABILITY	Class 3, EN 12207:2001
WATERTIGHTNESS	up to Class 9A (600Pa), EN 12208:2001
WIND LOAD RESISTANCE	up to Class C5 (2000Pa), EN 12210:2001
THERMAL INSULATION	U_d from 0,85 W/(m ² K) ¹
MAX. DOOR HEIGHT	4000 mm
MAX. LEAF WEIGHT	700 kg
CONTENT OF THE ALUMINUM RECYCLATE	69,2%

¹ The U_d value has been calculated for the following assumptions:

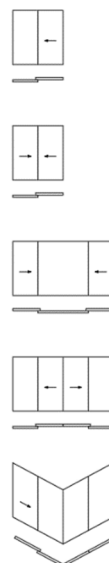
- two-chamber glazing with $U_g=0,5$ W/(m²*K)
- a warm edge spacer bar, Swisspacer Ultimate type
- door dimensions: W x H = 2070 mm x 3440 mm

For other calculation variants please contact the Aluprof's Technical Support Department.

2. MB-SKYLINE TYPE R – sliding door.

There are five MB-Skyline Revit families available for download, created according to the configuration of fixed and sliding panels:

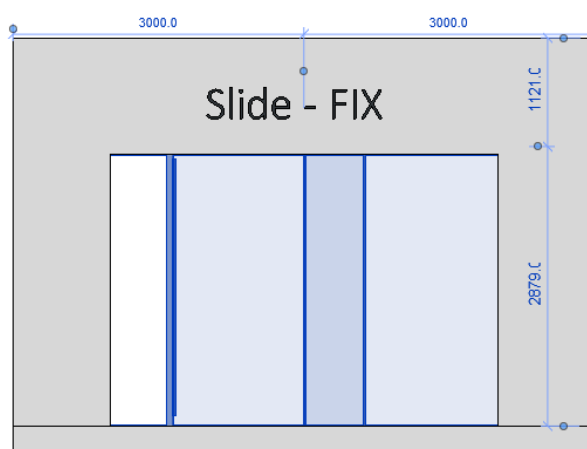
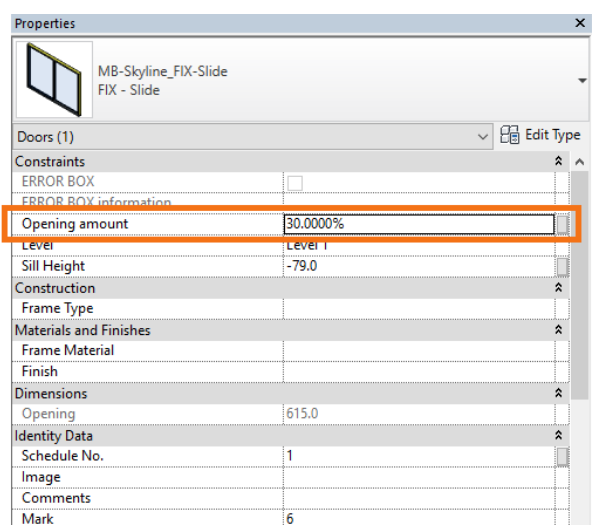
- Slide – FIX
- Slide – Slide
- Slide – FIX – Slide
- FIX – Slide – Slide – FIX
- Slide – FIX – FIX – FIX (corner door)



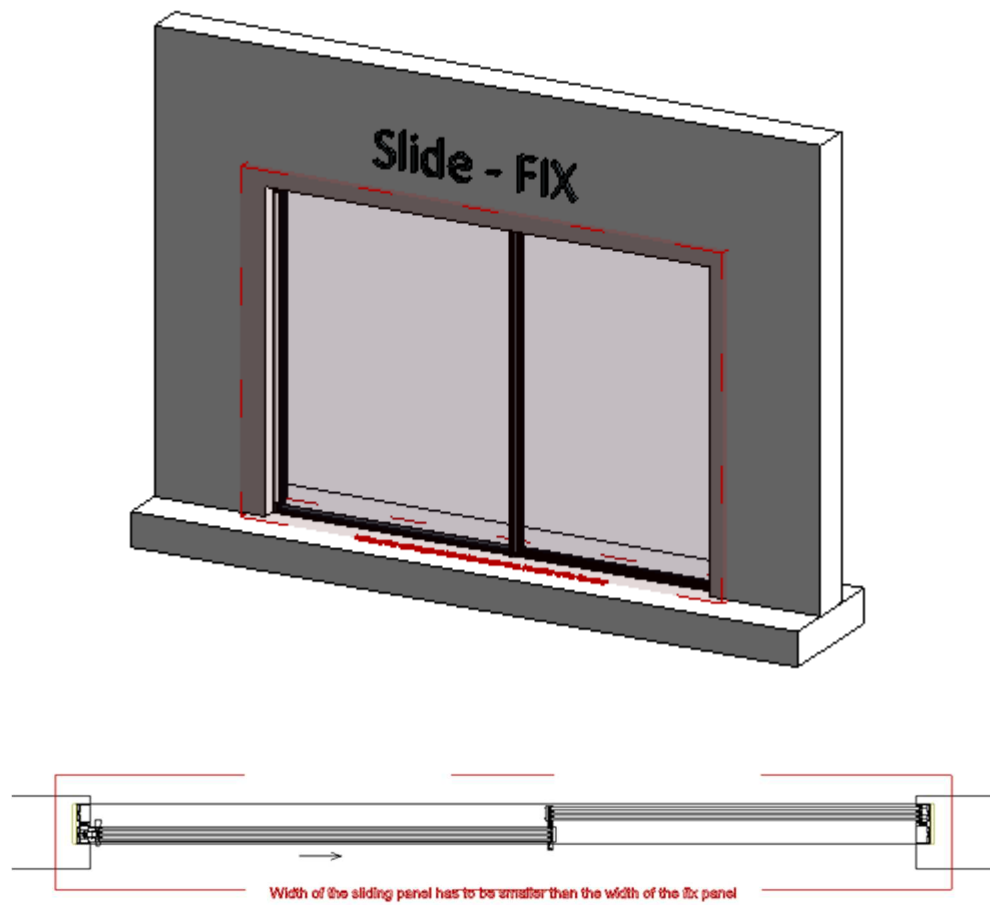
After loading the models into the project and placing them in the wall, the openings in the wall are cut automatically. In order to make a hole in the floor, go to the tab Modify → Geometry → Cut and first select the floor then the target door model.

The BIM models of Aluprof products are fully parametric – you can change height and width of the entire construction, as well as width of the individual panels. In addition, each family has a parameter called **Opening amount** that enables users to “open” the door. This parameter is given in percentage, where 0% means that the door is closed and 100% that the door is fully open.

Note: The corner door model does not contain the opening amount parameter.



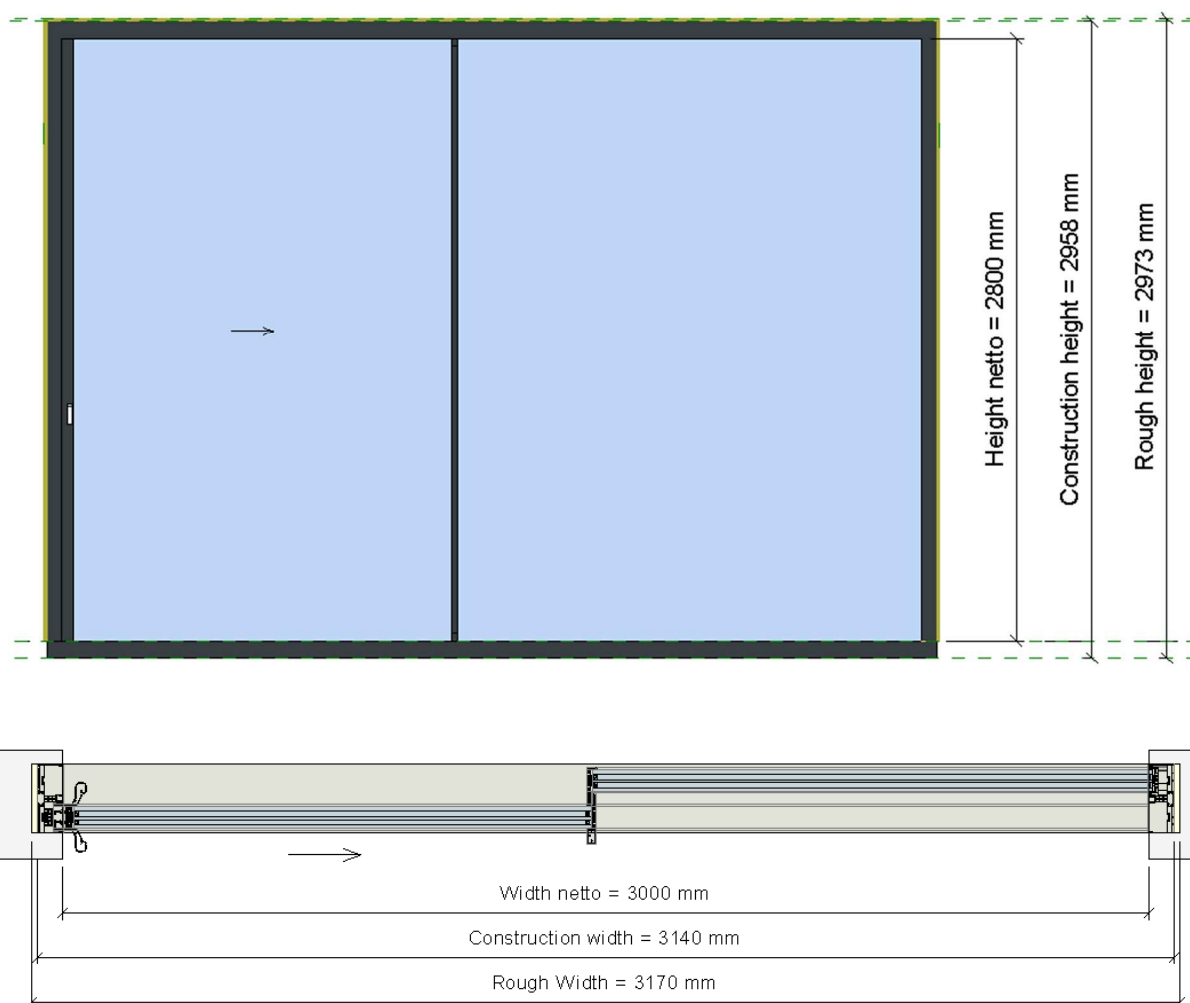
The width of the sliding panels has to be smaller than the width of the fixed panels. If this condition is not met, a warning will appear in the form of the **ERROR BOX information** parameter and a red area around the door with an alert message:



3. Dimensions of MB-Skyline Type R.

MB-Skyline Type R BIM models include several parameters related to the height and width of the door.

- **Rough Height / Rough Width** – refer to the height and width of the entire opening.
- **Construction height / Construction width** – refer to the height and width of the construction.
- **Height netto / Width netto** – refer to the height and width of the opening after the construction was installed.
- **Height / Width** – built-in Revit parameters.



In Edit Type under Dimension group, there is also an **Exterior wall face offset** parameter, which controls the value of the structure offset from the outer wall surface (40 mm by default) and a **Mounting space** parameter, which determines the depth of the mounting space (15 mm by default).

4. Additional parameters.

The MB-Skyline Type R Revit families have a number of additional parameters that can be included in schedules:

- **Warm installation**
- **Hardware**
- **Handle type**
- **Schedule No.**
- **Door Closer**
- **Door sill type**

These parameters have been left blank to be filled by the user.

In addition to the parameters directly related to the model properties, our Revit families include information about the **COBie**, **IFC** and **Uniclass 2015** standards.

We hope this short tutorial will help you use our BIM models more effectively in your projects.

If you have any questions or concerns, please do not hesitate to contact us.

BIM Technology Department
Aluprof S.A.