



LET'S BUILD A BETTER FUTURE

 The slender-profiled, sliding door system
MB-SKYLINE TYPE R / MB-SKYLINE

THE VIEW ABOVE ALL

The ALUPROF **MB-SKYLINE TYPE R** is a cutting-edge, large-scale, sliding door system which makes a feature of lightness and aesthetics. Slender profiles simultaneously provide both a contemporary look and a panoramic view of the surroundings.

The main features of the MB-SKYLINE TYPE R are the completely invisible profile of the door leaf, the slender mullion and the shallow frame. The leaves may be massive, but no great effort is required to slide them open and closed and the mechanism that operates them is almost soundless.

The maximum height for a structure based on the system is no less than four metres and, if the drive is fitted on the outside rather than being hidden, then the moving leaf can weigh as much as seven hundred kilos.

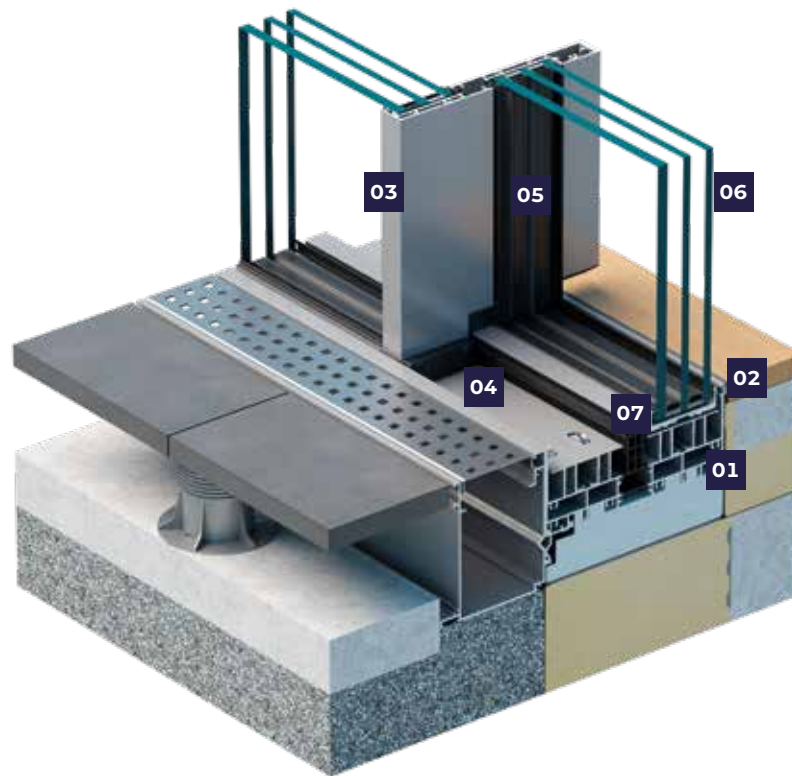
This affords the possibility of designing spectacular glass walls.





THE SLENDER-PROFILED,
SLIDING DOOR SYSTEM

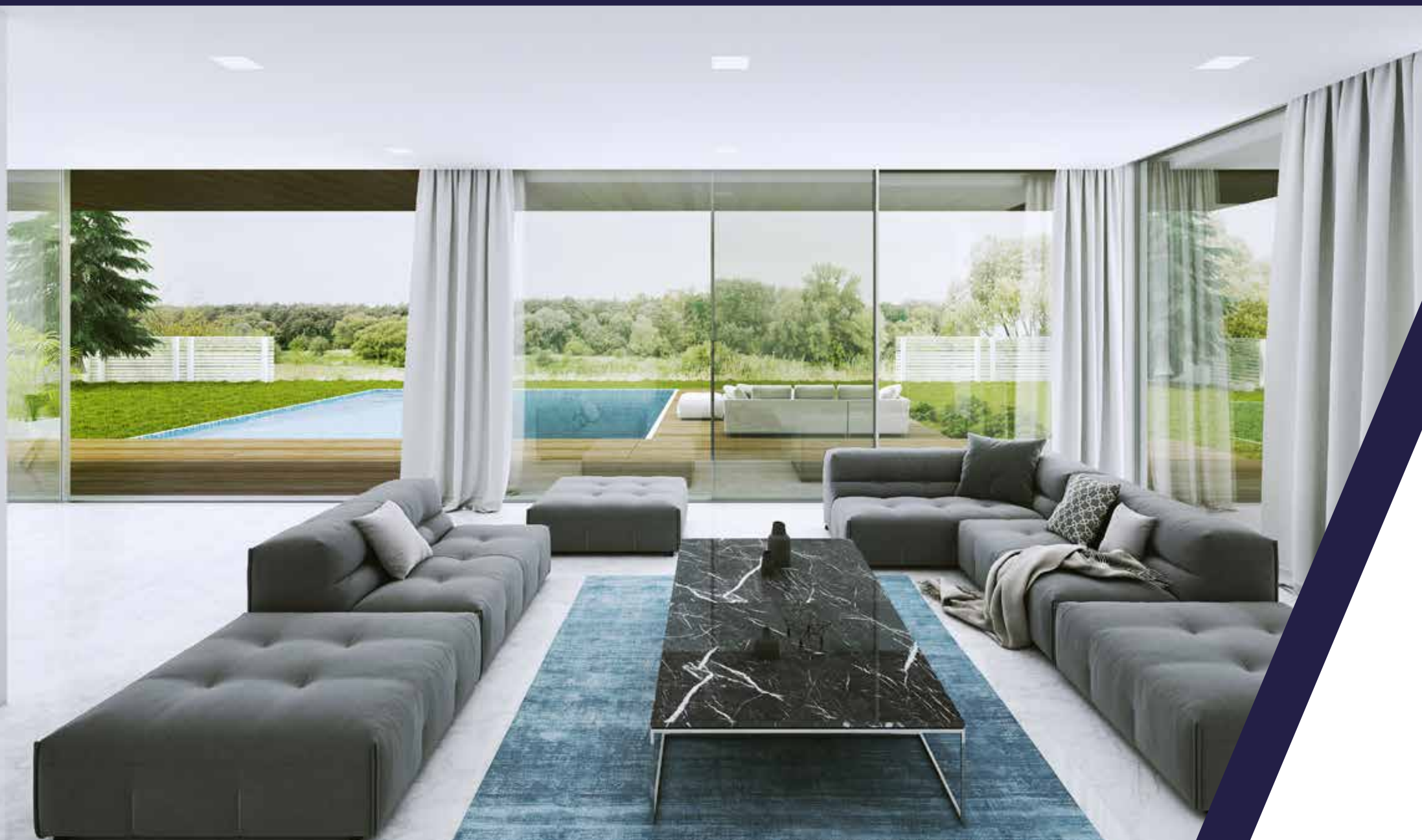
FEATURES AND BENEFITS

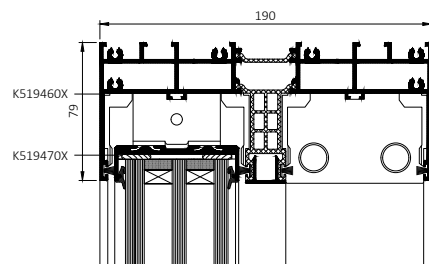


- 01 the door frame is built into the walls, floors and ceiling
 - 02 the leaf profiles are completely hidden in the upper and lower frames, when the automatic drive unit option is selected, or the mullion features a locking mechanism, the leaf profiles remain invisible at the sides of the structure
 - 03 the width of the mullion where the leaves meet is 25 mm only
 - 04 a convenient, shallow, 23 mm deep frame
 - 05 door leaves up to 700 kg and up to 4 m high
 - 06 glazing options range from 52 to 60 mm
 - 07 the door leaves are made using state-of-the-art insulation material with high thermal parameters. 71 mm and 190 mm-deep profiles for leaf and 2-track frame, respectively
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- 08 the cutting-edge sliding seals used in the frame are aesthetically pleasing and silent in use
 - 09 the rollers the leaf moves along are available in stainless steel or black polyamide
 - 10 there are two locking; manual, using BT Lock hardware or fitted to the mullion
 - 11 the motor is equipped with a radio receiver and security radar
 - 12 state-of-the-art drainage system, complete with guttering
 - 13 system brackets with height regulation
 - 14 the structural base has excellent thermal isolation
 - 15 the system features a "zero mullion", which makes it possible to use external venetian and roller blinds like the ALUPROF Skyflow and Skyroll

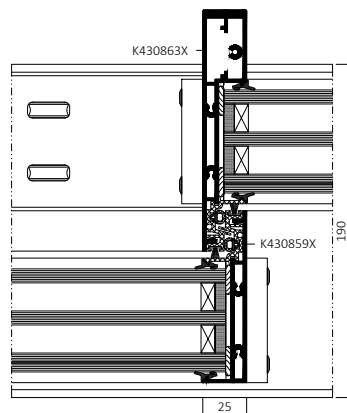


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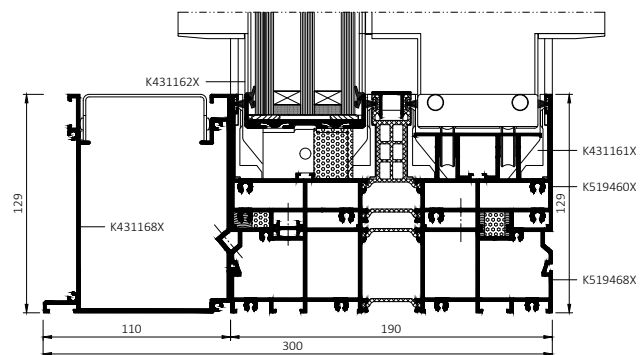




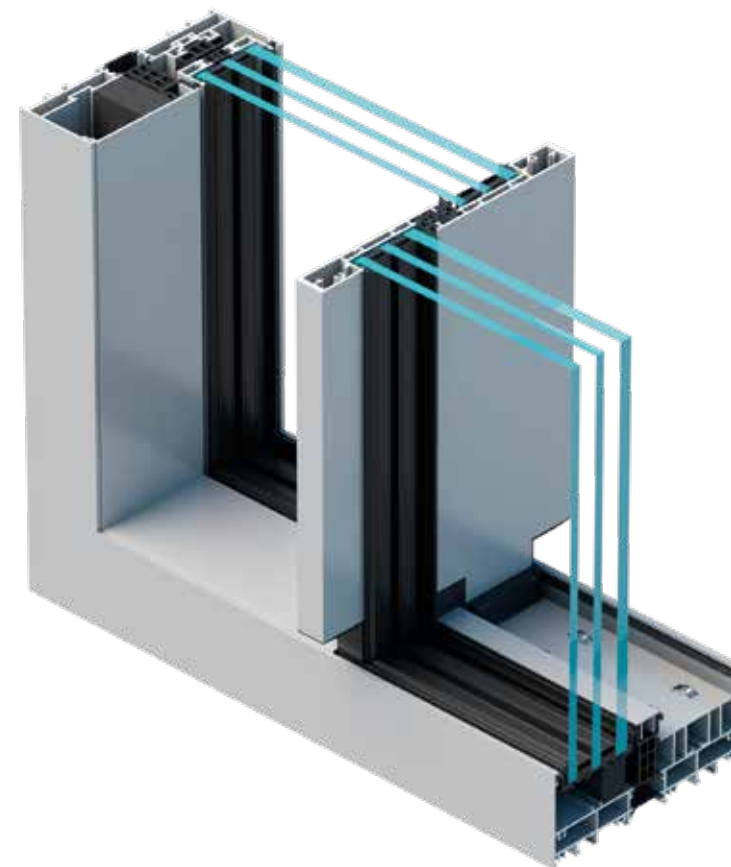
Cross section of the top of the door



Cross section of the door-leaf intersection point



Cross section of the bottom of the door



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THE VIEW ABOVE ALL

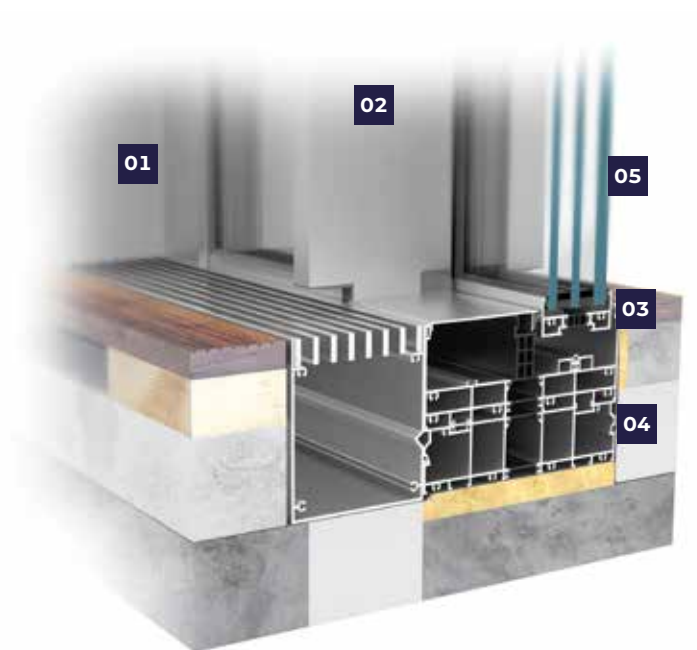
The **MB-SKYLINE** sliding door system with invisible frame uses narrow profiles. This gives the construction a modern and minimalist look.

Constructions fabricated with MB-SKYLINE have a one-of-a kind design and raise the profile of any project. They provide a comfortable, threshold-free connection of indoor and outdoor living spaces making natural environment part of users' daily experience.

While the doors can be very large, their slim construction gives the impression of lightness and delicacy. The product is uniformly glazed, has slim modulations and perfectly fits into high-end construction market.

THE SLENDER-PROFILED,
SLIDING DOOR SYSTEM

FEATURES AND BENEFITS



- 01** 71 mm (door leaf) and 190 mm-deep profiles (2-slide frame)
- 02** modern design and high aesthetics: the frame is concealed in the wall, in the floor and in the ceiling, the frame profile is fully aligned at the sides, the visible connection width of door leaves is 25 mm
- 03** door leaves up to 700 kg and up to 4 m high
- 04** 3-chambered, thermally-insulated profiles
- 05** 52 to 60 mm-thick triple glazing units
- 06** door opens manually or automatically
- 07** drives and control units are concealed in frame profiles
- 08** can use an automatic unit mounted on the outside of the construction

TECHNICAL PARAMETERS

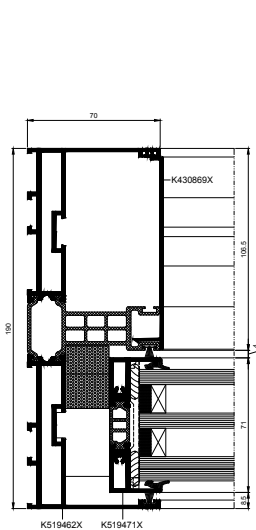
Air permeability	class 3, EN 12207
Watertightness	to class 9A (600Pa), EN 12208
Wind load resistance	to class C5 (2000Pa), EN 12210
Thermal insulation	U_w from 0,85 W/(m ² K)*

* for door leaf: 2.07×3.44 m, infilled with triple glazing units $U_g=0.5$ W/(m²K) and warm spacer

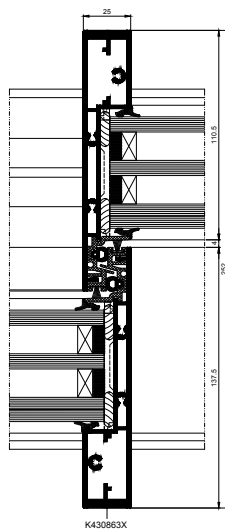
THE SLENDER-PROFILED, SLIDING DOOR SYSTEM



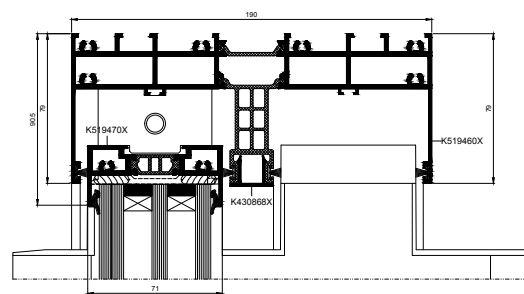




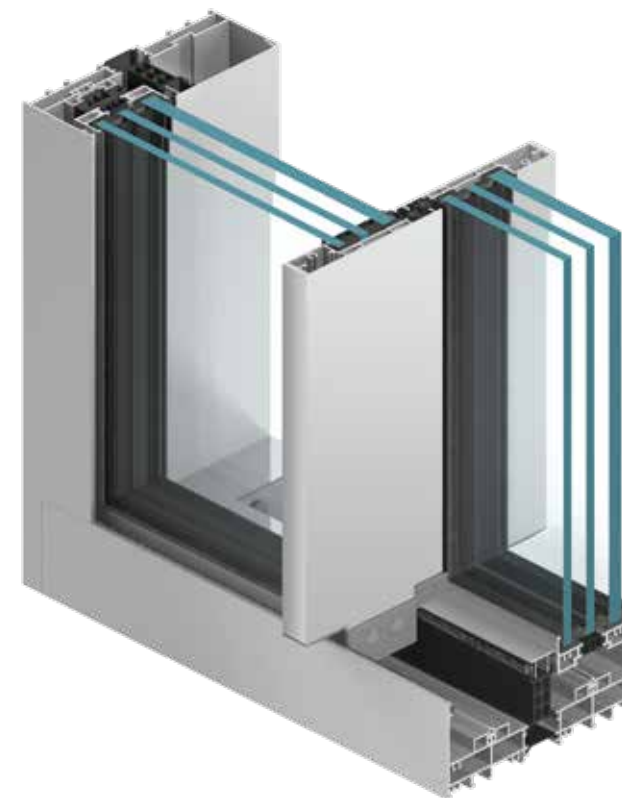
Door, side view



Door leaves connection, view



Door, bottom view



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