

## MAESTRO 89 INSULATED SLIDING

MAESTRO 89,7 "89,7mm case depth"; It is a new generation economic sliding system that offers two and three rails, normal and with covering thermal insulation.

### INNOVATIVE DESIGN

Sliding systems are products that are preferred especially in places where a wide vision area is desired to be seen and aesthetics are of great importance. The radius design language used in MAESTRO 89 highlights the aesthetic and modern structure of the system. When this curved structure, which can be seen in every detail of the system, is combined with the use of thin sections in sections such as seams that can disrupt the visual integrity, the system is provided to form a whole with the structure. While the increase of aesthetics in architectural aluminum systems means difficulty in manufacturing and use; Since such difficulties are planned at the very beginning of the design process, the MAESTRO 89 does not compromise the manufacturing and usage features. ECONOMY In MAESTRO 89, thin wall thicknesses that do not impair the surface quality and manufacturing properties are preferred, while the geometric design features are used in the parts that are important in terms of bearing, and both lightness and rigidity are provided together.

### EASE OF MANUFACTURING

Since all the accessories of the system are designed within the framework of common use and working in harmony with each other, MAESTRO 89 is unique in terms of ease of manufacture.

### ENERGY-SAVING

Since environmental awareness and energy saving issues are gaining importance day by day, thermal insulation features were also given importance in maestro 89.

### IMPROVABILITY

MAESTRO 89 has been designed to be easily developed as a system concept. In this way, new solutions to be added can be adapted to the system quickly.

## ECONOMICAL SLIDING DOOR SYSTEM

### TECHNICAL PROPERTIES

Frame Depth:	89,7 mm, 134,3 mm
Vent Depth:	36,4 mm
Profile Wall Thickness:	1,3 mm- 1,5 mm
Max. Glass Thickness:	24 mm
Insulation Bars:	16 mm
(Uf)-EN1077-2 / Thermal Insulation Value (Uf):	(Uf): < 3,60 W/mK

### APPLICATION ALTERNATIVES

Sliding (Lift Slides):	•	•
Fixed Frame:	•	•
Three Railed Frame:	•	•
Self-Insect Screen Frame:	•	•



## FERMOsa SYSTEM



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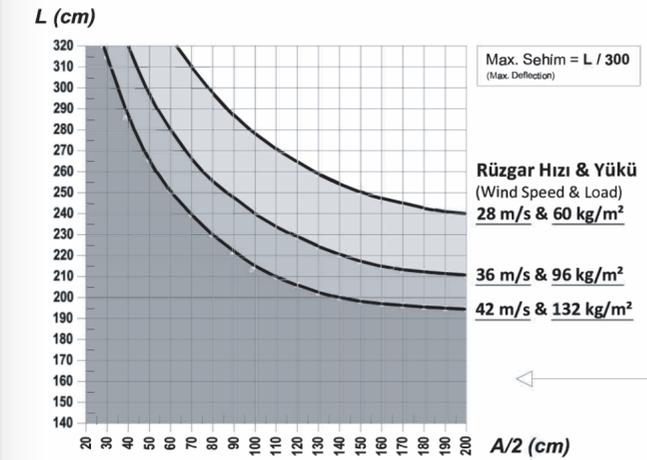
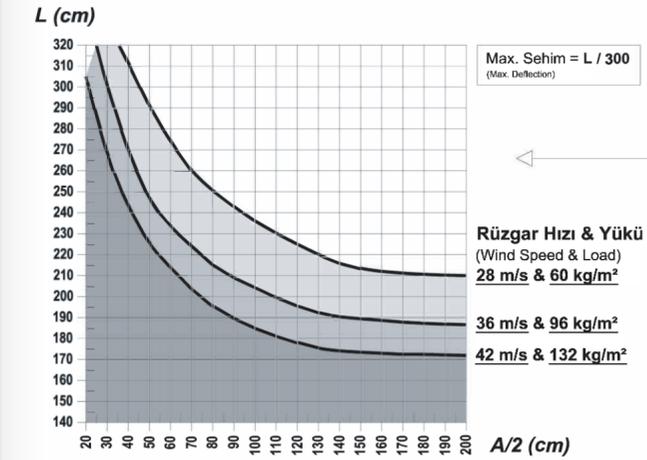
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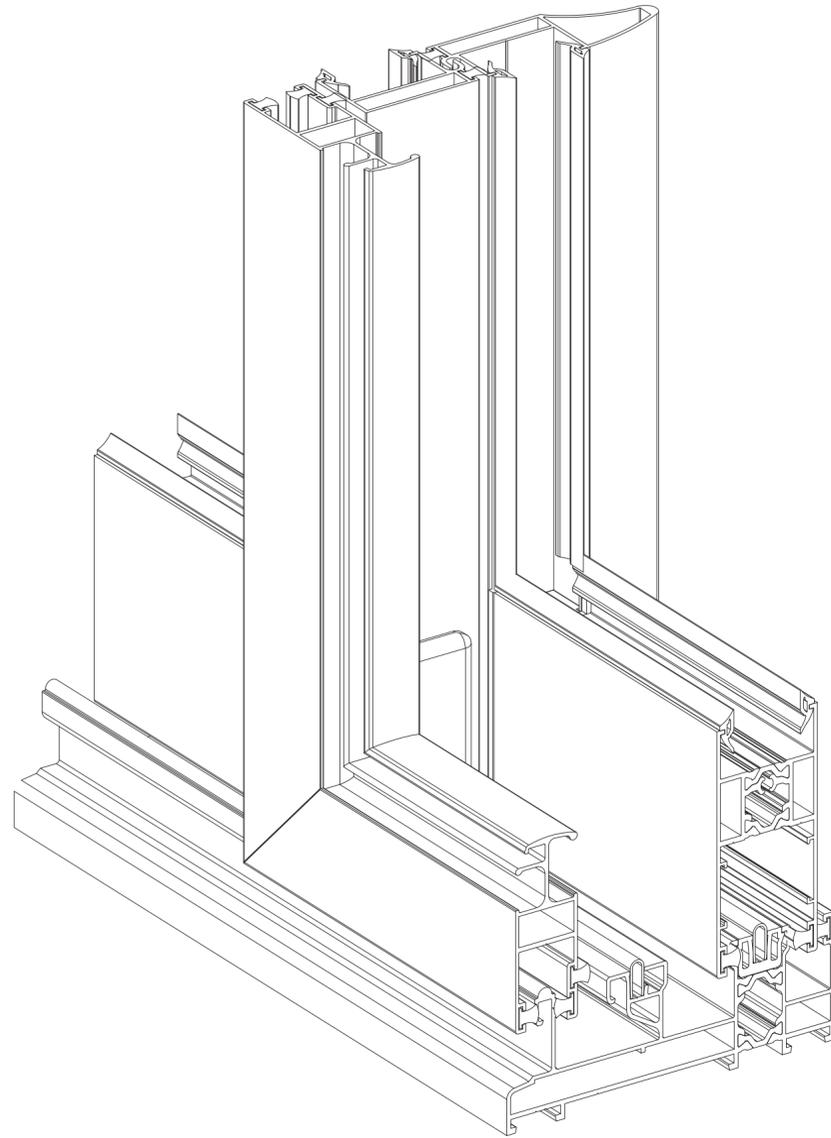
## USAGE LIMITS DIAGRAMS ACCORDING TO THE WIND LOAD

The curves in the table; drew according to the inertia value of the clamp profiles and the wind loads of 60, 96, 132 kg/m<sup>2</sup>. The hatched area below the curves according to the selected wind load mean "applicable" dimensions.

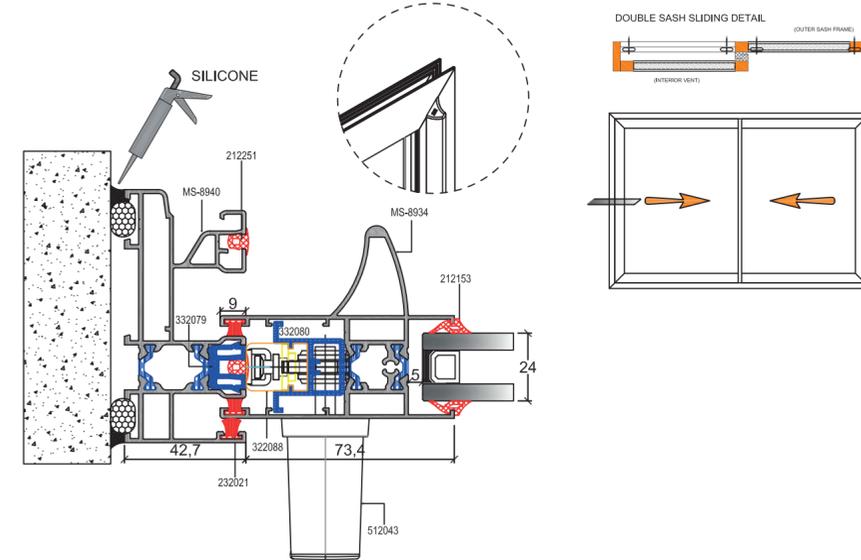
Deflection Criteria: L / 300



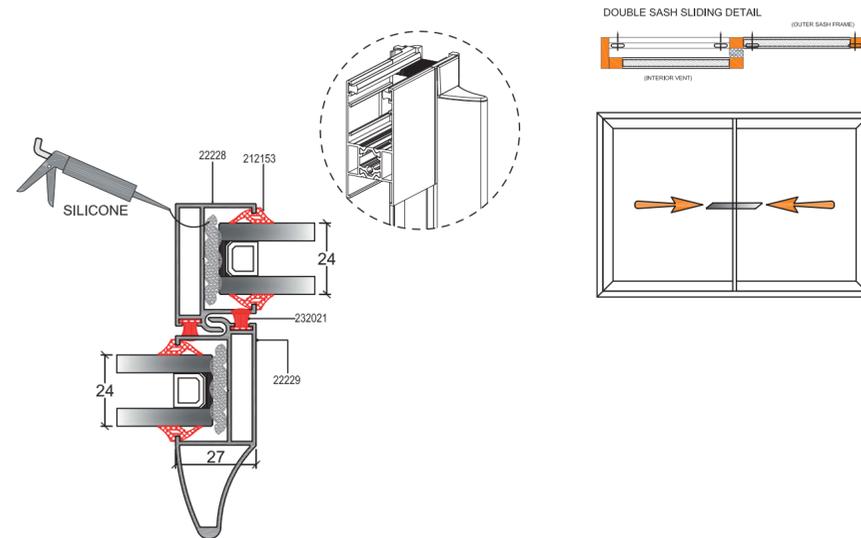
SYSTEM CROSS SECTION DETAILS



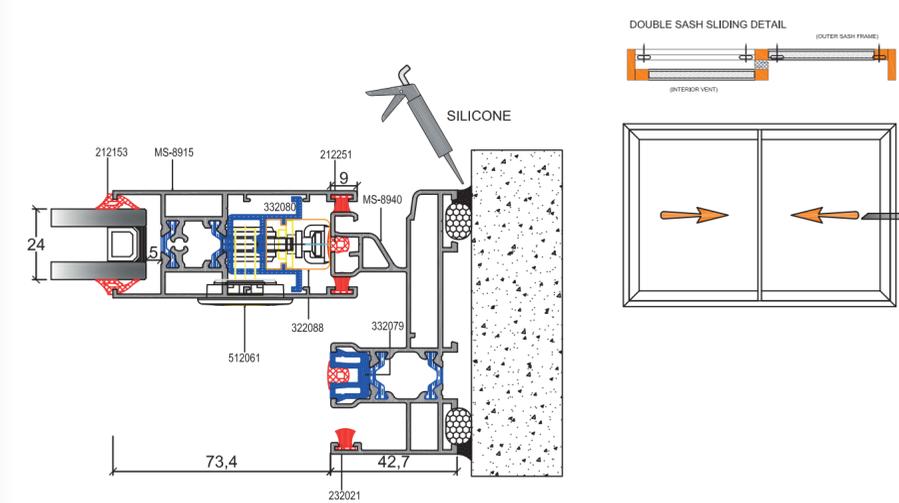
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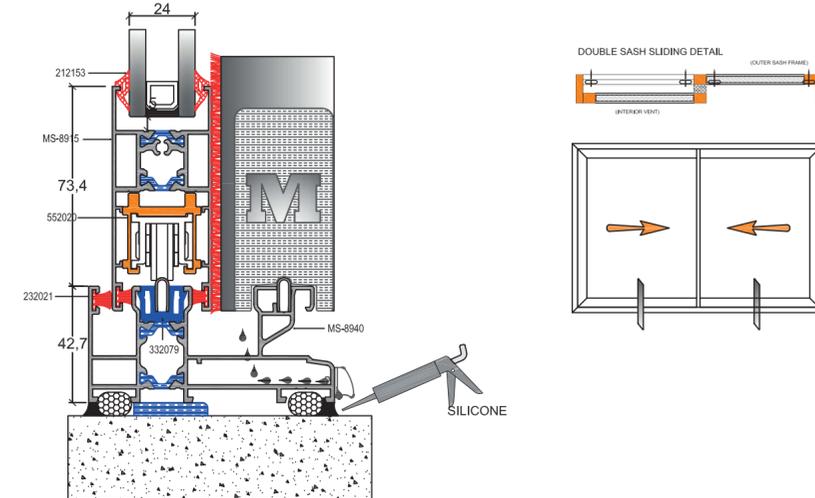
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