



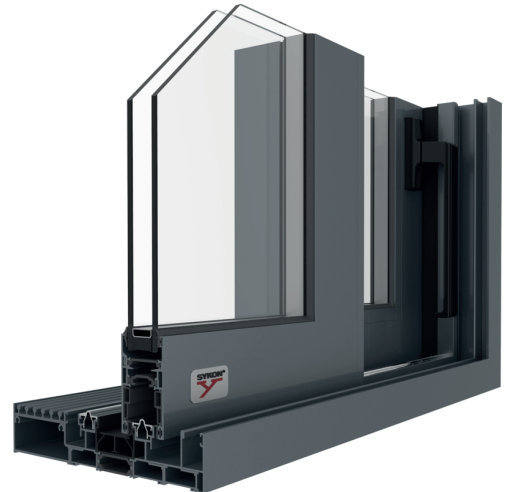
THERMAL SLIDING SYSTEM

SUPERIOR SL-450

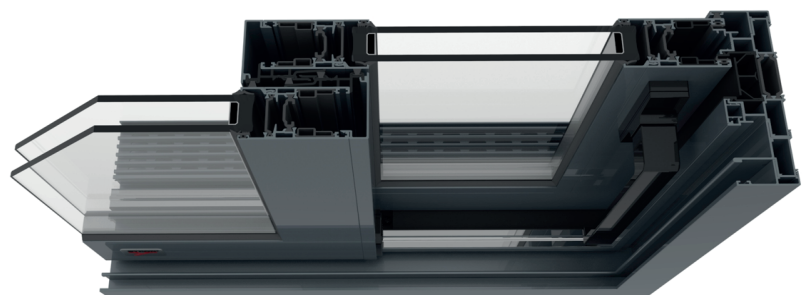
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INTRODUCTION

SL450 is a 45mm sash depth sliding system (111.5mm double rail depth). It is a thermally broken system using 40mm polyamide strips and 44 mm pvc gutter width, all at the same line under the glass so as to achieve the better possible thermal performance at this category. It is designed to be used as lightweight lift & slide system (180kg per sash), as well as a simple sliding (using different type or hardware so as to comply with diverse specifications). It meets all the known typologies such as double or triple bypass balcony doors with or without insect screen positioned in or out. A robust, long lasting sliding system, which at the same time looks elegant due to the small size of the profiles in reference to the size of openings that can be implemented. Additionally, the alternative of the slim interlock gives an elegant appearance, in a classic design sliding. The aluminium thickness (1,4 to 2,2mm) differs according to the areas of the profile so as to achieve a reduced cost system, without affecting the stiffness of the end product. The potential of using additional insulators, along with the existence of a glazing bead in such a small system, result to a high-quality system that fits any specs and any budget at the middle category. Can accept L&S Hardware or Simple sliding accessories, EPDM seal gaskets (at L&S) and additional foam insulators. Finally, the extensive areas for drainage result to end Product that can easily withstand severe weather conditions.

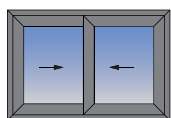


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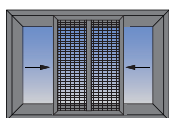




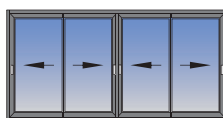
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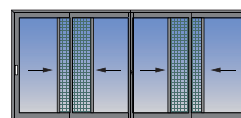
Two sash sliding window*



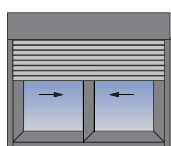
Two sash sliding window with fly screen*



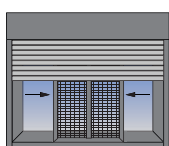
Four sash meeting stile window*



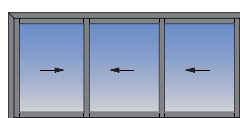
Four sash meeting stile window with fly screen*



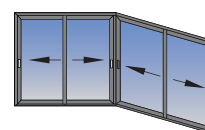
Two sash sliding window with rolling shutter*



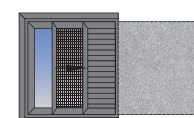
Two sash sliding window with rolling shutter and fly screen*



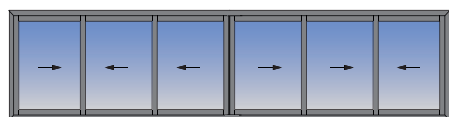
Three sash sliding window*



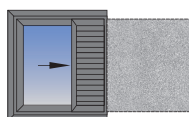
Four sash sliding window 90° & 270° corner typology*



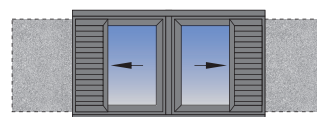
Single sash sliding window, with fly screen & shutter*



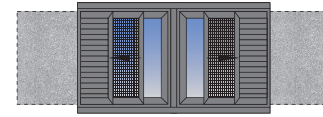
Six sash meeting stile window*



Single sash sliding window with shutter*



Two sash sliding window with shutter*



Two sash sliding window, with flyscreen & shutter*

TECHNICAL CHARACTERISTICS

Visible aluminium face width	111,5 mm
Frame height	45 mm
Frame width	103 mm
Sash height	75 mm
Sash width	44 mm
Sash weight	up to 200 Kg
Glazing	32mm
Insulation	Polyamides 40 mm & 32mm width, PVC
Interlocking profile width	39 / 78,5 mm

CERTIFICATES

	Air permeability EN 1026, EN 12207	CLASS 3
	Watertightness EN 1027, EN 12208	CLASS E600
	Resistance to wind load EN 12210, EN 12211	CLASS C3/B3
	Thermal Insulation EN 10077-2	U_f = from 1.4W/m ² k depending on type dimension & glazing
	Prelaod	+ 600 Pa
	Static air leakage Infiltration/Exfiltration	+300 Pa
	Static water penetration	+400 Pa
	Structural performance procedure B 100% OD Design wind load 150% of Design wind load	± 1200 Pa ± 1800 Pa

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THERMAL SLIDING SYSTEM
SUPERIOR - SL450