

Slim  
Seamless  
Super  
Thermal  
SOLUMEN

***RABEL***  
SYSTEMS



reddot award 2019  
best of the best





# 50 LUMEN

Slim  
Seamless  
Super  
Thermal



The Rabel 50 Lumen Seamless Slim Super Thermal is a sliding system of slim profiles, offering a comprehensive solution for buildings and residences by combining innovation, functionality, and aesthetics.

The flexibility of the system to adapt to large openings and complex structures allows it to easily integrate into architectural designs with high requirements.

The main advantage of the system is the ability to conceal the floor and ceiling guides with minimal grooves, giving the impression of a seamless floor.

Technically, the system fabricates doors up to **four meters in height, two meters in width, and 400 kilograms per sash \***.

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Typologies



Technical characteristics

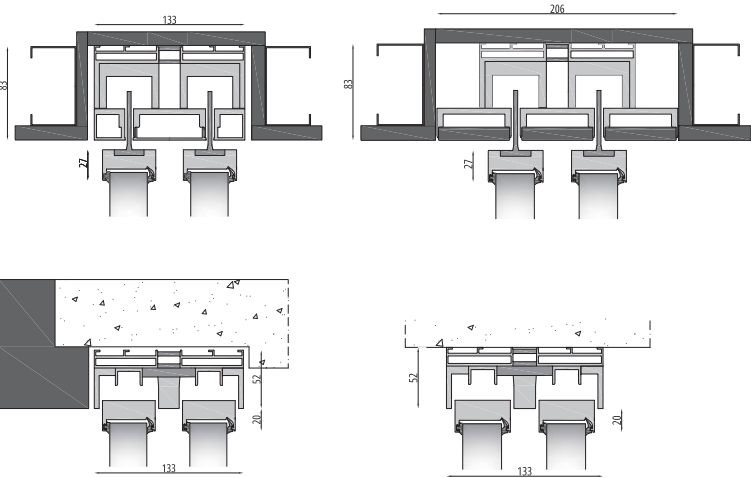
Frame Height	42 / 55 / 83mm
Frame Visible Width	26 / 42 / 55 <sup>p</sup> mm
Sash Height	27mm
Center Mullion Width	26mm
Type	Seamless
Max. Weight per Sash	400*Kg
Glazing Width Possibilities	32mm
Maximum Locking Points	6
Thermal Break Width	20 / 30mm
Sealing Type	Brush with Cloth + Q-Lon

Performances

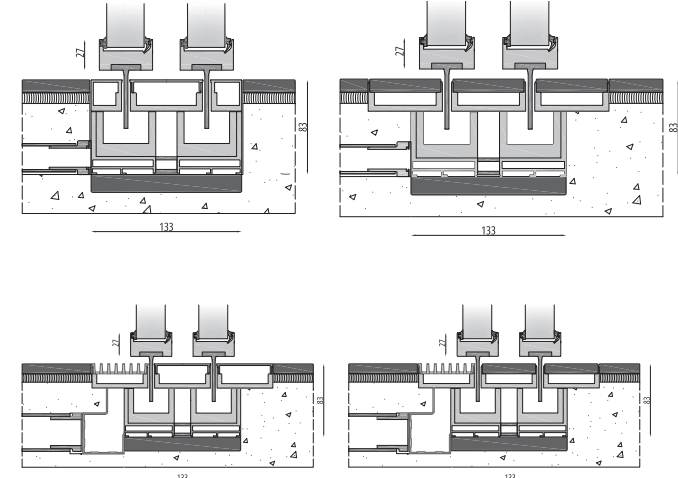
Fabrication Thermal Transmittance EN ISO 10077-2 (Uw)	≥ 1.4 W/(m²K)
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<sup>p</sup> Pocket  
\* The maximum dimensions of the construction are determined by the manufacturer according to the typology and conditions of the project.

Ceiling options



Flooring options



The **Rabel 50 Lumen Seamless Slim Super Thermal** is based on a thermally insulated middle pillar of 26mm. The locking system provides three different options. The basic equipment includes a multi-locking system, and optionally, an access system from the outside with a key.

The bottom part of the system is fully recessed with a guide height of 83mm, which can be covered with the floor material up to 20mm or with aluminum covers. Water drainage can be achieved using pipes directly attached to the recessed track or by adding a drainage channel.

The upper part of the system is available in two different versions. With a low height of 52mm for a visible guide and fully recessed for a guide with the possibility of covering with plasterboard, architectural materials up to 20mm, and with aluminum covers.

It can also create corners without a pillar, as well as complex typologies, such as sliding with integrated railing, sliding with fixed, and pocket.

The **Rabel 50 Lumen Seamless Slim Super Thermal** is undoubtedly a high-quality and aesthetically advanced product that meets the modern architectural trends in the market.





# SLUMEN

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## **RABEL** SYSTEMS

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