

Espes 125
Partition Systems

asset
space becomes place

THICKNESS
131mm

FRAME
Aluminium

FINISHES
In all RAL colors
/ anodization

PANELLING
Laminated double glazing



Espes 125

Ultimate High Acoustic Double Glazed Partition System. ESPES 125 is a next-generation partition system that sets a new benchmark in acoustic performance, combining the transparency of glass with the **highest level** of sound insulation available in office partitioning.

Designed for environments where **absolute acoustic privacy** is essential, the system achieves sound insulation of **up to 60 dB**, redefining what is possible with glazed partitions and positioning itself at the top tier of performance solutions.

Its advanced double-glazed construction ensures **exceptional sound control**, creating spaces of true silence, even under the most demanding conditions.

At the same time, ESPES 125 preserves the elegance and openness of transparent architecture, allowing natural light to flow freely across spaces.

ESPES 125 is engineered for **high-end applications** such as boardrooms, executive offices, confidential meeting areas and premium work environments, where both design and acoustic performance are critical.

The system supports **full design flexibility**, including integration with all door types, as well as **smart glass solutions (Lumi foil)** for dynamic control of privacy and light transmission.

The result is a partition system that delivers **unmatched acoustic insulation**, ultimate privacy and refined architectural aesthetics.





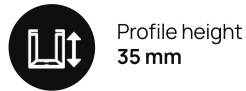
Acoustic Performance

GLASS	Rw (dB)	C (dB)	Ra1 (dB)
VSG 44.2 + VSG 66.2	45	-2	43
VSG 44.2 + VSG 66.2*	51	-2	49
VSG 66.2 Si + VSG 88.2 Si*	57	-2	55
VSG 66.2 Si + VSG 88.2 Si**	60	-2	58

Doors for System 125

PARAMETERS	Doors in HR aluminum frame	All-glass doors	Solid doors
Rw acoustic rating	36 / 37 / 38 / 39 / 40 / 44 dB	24 / 32 / 38 dB	32 / 37 dB
Ra1 acoustic rating	35 / 36 / 37 / 38 / 39 / 42 dB	24 / 30 / 37 dB	30 / 35 dB
Max. height	3000 mm	2700 mm	3000 mm
Sliding variant	✓	✓	✗
Access control	✓	✓	✓
Concealed hinges	✓	✗	✓
Concealed door closers	✓	✗	✓
Lumi foil	✓	✓	✗





Technical Details

The partition frame is constructed from **high-performance extruded aluminium profiles**, designed to support **advanced double-glazed** configurations and deliver maximum acoustic efficiency. The **increased system depth** allows the integration of **specialized glazing** compositions and acoustic inserts.

Glass units are installed within the frame using precision fixing systems and enhanced acoustic sealing elements, ensuring airtight performance and minimizing sound transmission. The system can reach **Rw 60 dB**, depending on the selected glazing configuration.

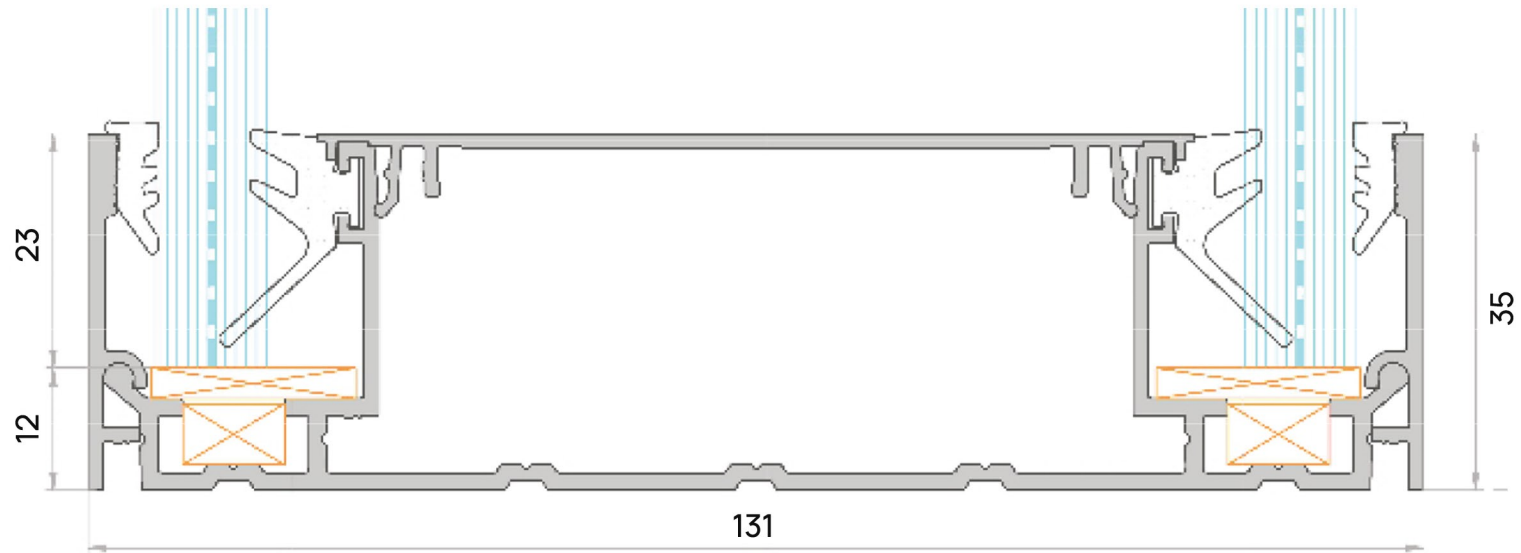
Dedicated **acoustic inserts are applied along the perimeter** and at glass joints, significantly improving sound insulation and ensuring consistent performance across the entire partition. ESPES 125 is designed to **guarantee acoustic continuity and stability**, even in complex layouts, making it ideal for projects with high technical requirements.

The system supports a full range of configurations, including:

- Full-height double-glazed partitions
- Aluminium framed, all-glass or solid doors
- Sliding door options and access control systems
- Concealed hinges and door closers for a seamless architectural result

Additionally, ESPES 125 allows optimized module dimensions for **reduced production waste** (ZeroWaste concept), while maintaining full adaptability to demanding architectural designs.

Cross Section



3D depiction



System 125

