

**Espes 30**  
Partition Systems

**asset**  
space becomes place

**THICKNESS**  
28mm

**FRAME**  
Aluminium

**FINISHES**  
In all RAL colors  
/ anodization

**PANELLING**  
Laminated glazing



**ACOUSTIC  
PERFORMANCE**  
up to 40 dB

# Espes 30

## Single Glazed Acoustic Partition System.

With a refined minimal design as its core principle, ESPES 30 redefines the concept of single-glazed partitioning by combining transparency with high acoustic performance.

The system is based on a slim **aluminium profile structure**, designed to support glass panels with minimal visual interference, allowing maximum daylight transmission. Thanks to its advanced acoustic configuration and specialized connectors, ESPES 30 achieves sound insulation levels of **up to 40 dB**, making it a highly efficient solution even for demanding office environments.

Unlike conventional single-glazed systems, ESPES 30 offers a unique balance between openness and privacy, delivering acoustic comfort without compromising the lightness and elegance of the space.

ESPES 30 is a **technologically advanced** partition wall system, ideal for open-plan offices where both transparency and sound control are essential. Its design allows for clean, uninterrupted glass surfaces, while also supporting architectural flexibility, including curved glass applications and integration with smart solutions such as **switchable (Lumi) film**.

It is also available in a **Factory version**, offering the possibility of integrating **vertical and horizontal aluminium mullions** that create a more structured, architectural grid appearance. This variation, known as ESPES 30 Factory, combines the transparency of glass with a more defined industrial aesthetic, while allowing flexible panel divisions and enhanced design customization.





34.27

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# Acoustic Performance

GLASS	R <sub>w</sub> (dB)	C (dB)	R <sub>a1</sub> (dB)
VSG 55.2	36	-1	35
VSG 66.2	37	-1	36
VSG 66.2 Si	39	-1	38
VSG 88.2 Si	40	0	40

# Doors for System 30

PARAMETER	Doors in HR aluminum frame	All-glass doors	Solid doors
R <sub>w</sub> acoustic rating	36 / 37 / 38 / 39 / 40 / 44 dB	24 / 32 / 38 dB	32 / 37 dB
R <sub>a1</sub> 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	✓	✓	✗





Acoustic Performance  
up to **40 dB**



Profile width  
**28 mm**



Profile height  
**35 mm**



Max wall height  
**3500 mm**

# Technical Details

The partition frame consists of **extruded aluminium slim profiles**, engineered to deliver structural stability while maintaining a minimal visual footprint. The reduced profile dimensions enhance the transparency of the system and contribute to a clean architectural aesthetic.

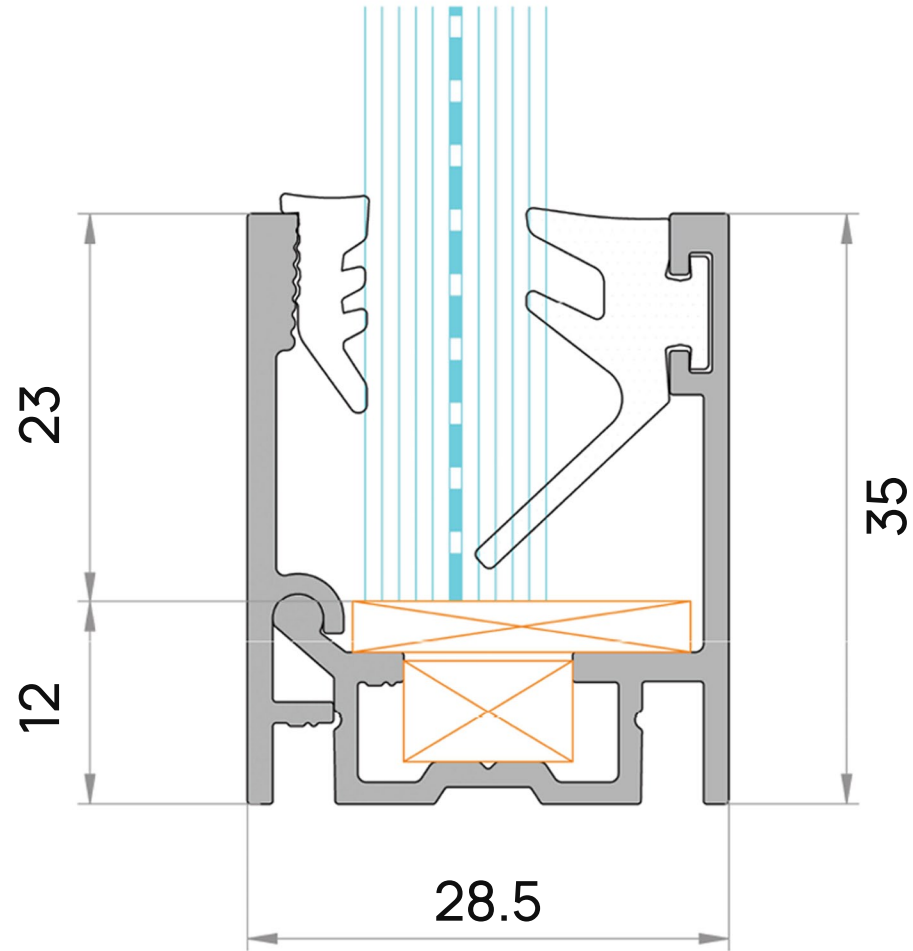
Glass panels are **securely fixed within the frame** using integrated sealing and acoustic connection elements, ensuring both ease of installation and high sound insulation performance. The system accommodates **laminated acoustic glass configurations** (e.g. VSG 55.2 to 88.2 Si), achieving acoustic ratings up to **Rw 40 dB**, depending on the selected glass specification.

Special attention is given to **acoustic sealing along the perimeter** and between glass joints, minimizing sound transmission and enhancing overall performance. This makes ESPES 30 a strong alternative even to double-glazed systems in terms of acoustic efficiency. The system supports a wide range of **configurations**, including:

- Full-height glazed walls
- Integration with aluminium framed, all-glass or solid doors
- Sliding door options and access control systems
- Concealed hinges and door closers for a clean design

Additionally, ESPES 30 enables optimized panel dimensions to **reduce production waste** (ZeroWaste concept), while maintaining full adaptability to project-specific requirements.

# Cross Section



# 3D depiction



System 30



System 30 Factory

