

Onboard

Partition Walls Since 1965

MADE IN ITALY



It was in 1965 that Ferlegno began its journey on the outskirts of Milan: a small workshop of ideas, where architects and designers found a trusted partner to help bring their visions to life, at that time still small-scale projects. Even then, collaboration with leading design firms translated into practical support throughout every stage, from concept design and space planning through to final execution.

Over time, thanks to the vision of the Di Bartolo Family and the Shareholders, that workshop grew and developed new ways of interpreting space, transforming every partition wall, cladding solution, and bespoke furnishing into the expression of a long-standing craftsmanship that continues to evolve over time. This journey led the company to increasingly establish itself as a comprehensive partner, capable of supporting each project through every phase with an integrated and fully informed approach.

The tradition of Made in Italy is combined with the most advanced industrial technologies, bringing together quality, creativity, and durability in every detail. Supporting this vision, the Research and Development division designs, engineers, and oversees every solution, transforming design concepts into tangible, reliable, and continuously evolving systems.

Today, this spirit lives on in the “modern workshop”: the Factory. Here, concepts take shape, ideas become reality, and architectural ingenuity meets materiality. It is a space for dialogue and collaboration, where every project is crafted with care, environmental responsibility, and genuine passion. A place where the journey does not end with production: Ferlegno also directly manages the installation phase, ensuring certified execution quality and a prompt after-sales service.

Model
ICE



The Ice partition wall was developed in 2013 within Ferlegno's Research and Development department, conceived as a practical response to a clear evolution in both design and market demands: the growing need for office environments that are increasingly bright and visually open.

Until then, the Italian office landscape had been dominated by heavy structures, characterized by steel vertical mullions, solid panels, and glazed systems that fragmented space. The Ice line broke with this tradition by introducing the concept of a frameless single-glazed partition wall. Thanks to the use of laminated safety glass and the elimination of intermediate vertical mullions, the solution opens up sightlines and radically transforms the perception of workplace environments.

At the core of the project is an essential design that achieves the perfect balance between the lightness of transparent surfaces and the solidity of aluminium profiles. It is not merely an aesthetic choice: the Ice system is engineered to ensure maximum functionality, offering effective solutions for the adjustment and compensation of on-site level differences, as well as a wide range of integrations for different types of hinged doors.

The result is a complete product that, thanks to its excellent value for money, enables the design of modern offices where visual and acoustic comfort, together with elegance, become part of everyday standards.



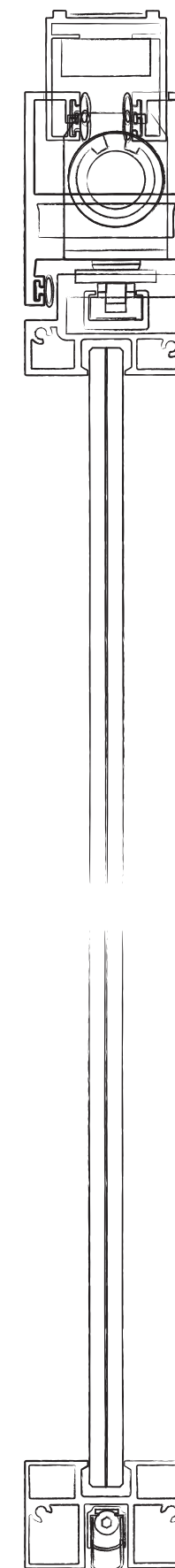
Model ICE

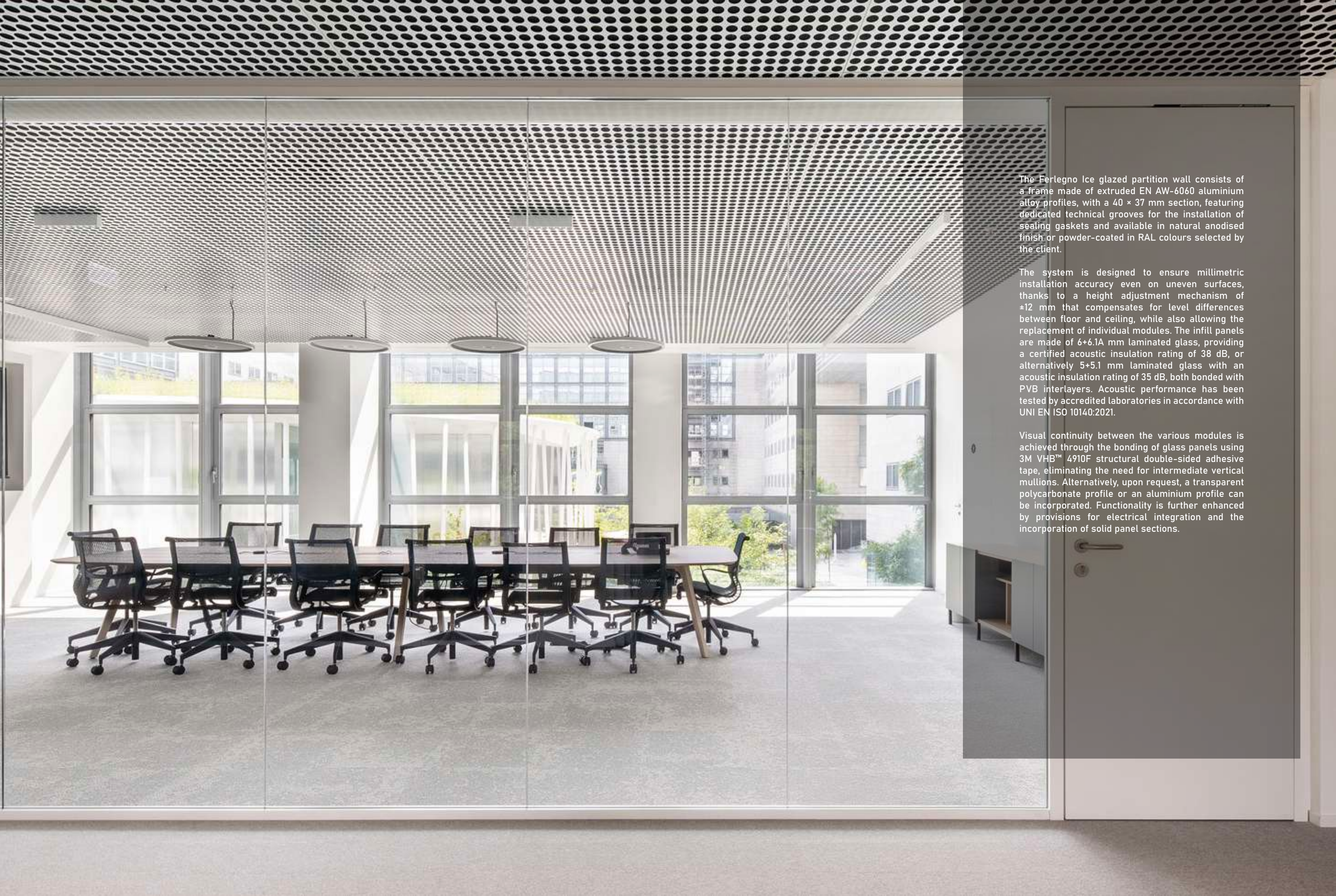
The Ice partition wall is presented as a linear and clean system, developed to integrate naturally into different architectural contexts. It is a product designed to ensure fast installation and a high degree of adaptability during the fitting phase, while also delivering outstanding acoustic performance for maximum environmental comfort.

Its structure can accommodate different types of glass and panel systems without compromising the aesthetic consistency of the overall composition.

Despite its formal simplicity, Ice is a technically comprehensive system: it incorporates fully concealed hinges on every door leaf and functional electrical integration, transforming on-site requirements into a high-performance, ready-to-use solution.







The Ferlegno Ice glazed partition wall consists of a frame made of extruded EN AW-6060 aluminium alloy profiles, with a 40 × 37 mm section, featuring dedicated technical grooves for the installation of sealing gaskets and available in natural anodised finish or powder-coated in RAL colours selected by the client.

The system is designed to ensure millimetric installation accuracy even on uneven surfaces, thanks to a height adjustment mechanism of ±12 mm that compensates for level differences between floor and ceiling, while also allowing the replacement of individual modules. The infill panels are made of 6+6.1A mm laminated glass, providing a certified acoustic insulation rating of 38 dB, or alternatively 5+5.1 mm laminated glass with an acoustic insulation rating of 35 dB, both bonded with PVB interlayers. Acoustic performance has been tested by accredited laboratories in accordance with UNI EN ISO 10140:2021.

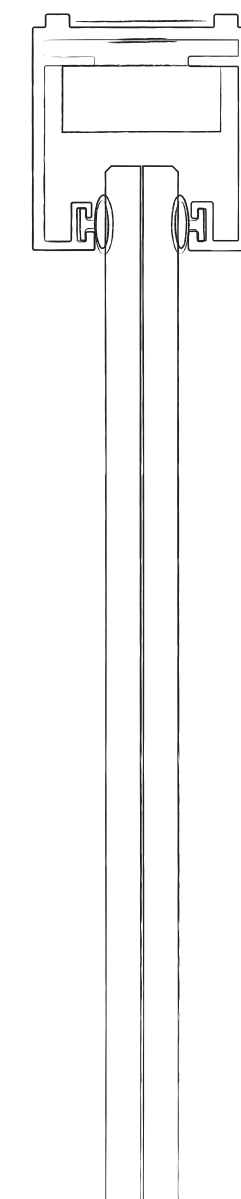
Visual continuity between the various modules is achieved through the bonding of glass panels using 3M VHB™ 4910F structural double-sided adhesive tape, eliminating the need for intermediate vertical mullions. Alternatively, upon request, a transparent polycarbonate profile or an aluminium profile can be incorporated. Functionality is further enhanced by provisions for electrical integration and the incorporation of solid panel sections.

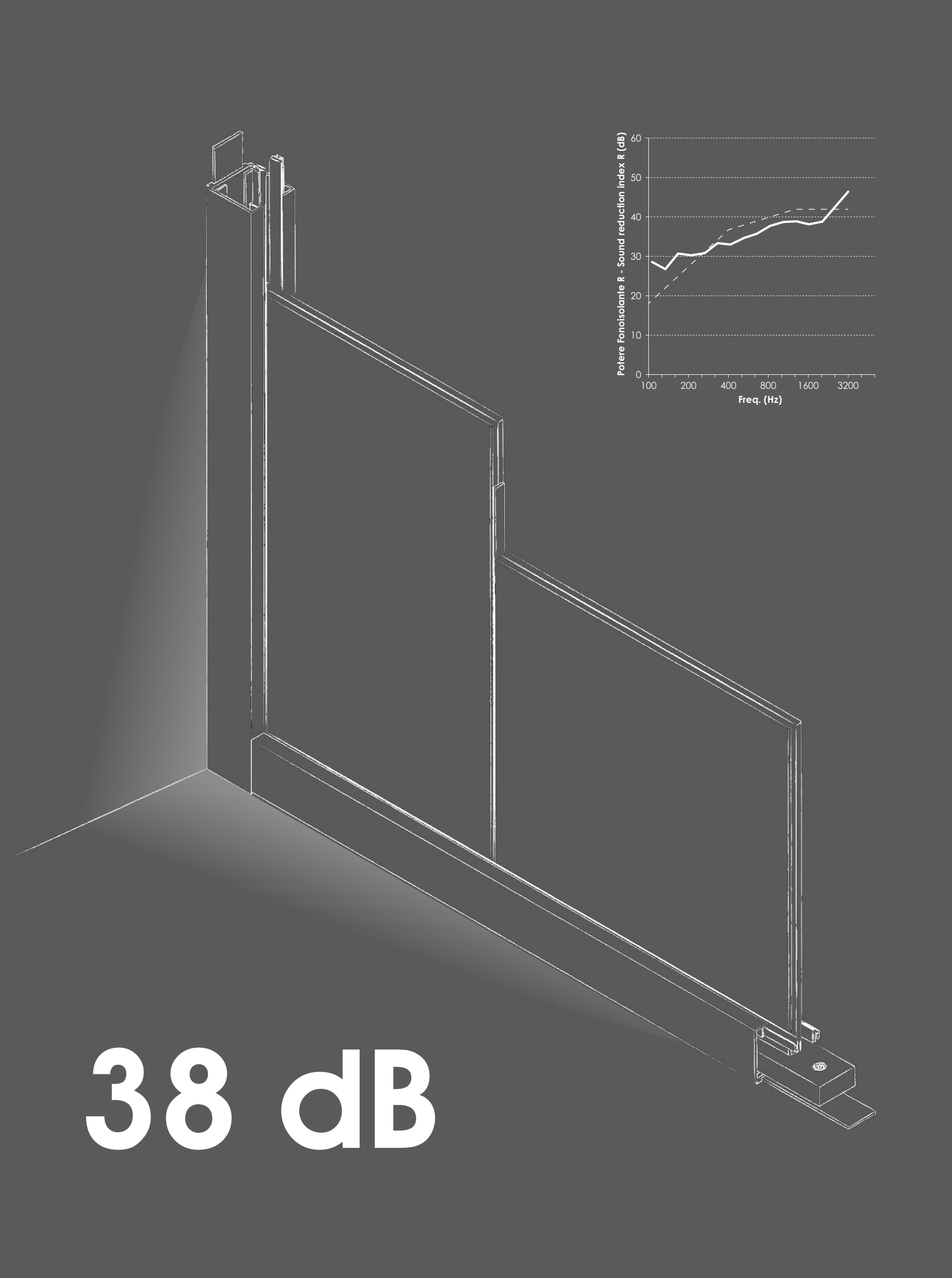


The door system integrates seamlessly into the structure through dedicated EN AW-6060 aluminium alloy profiles with a 65 × 55 mm section. The door frame installation system allows compensation for any irregularities by means of a telescopic connection between the upper guide and the transom.

The system offers three different opening solutions: the framed glazed version, featuring a 40 mm door leaf with 5+5.1A laminated glass, characterised by an aluminium profile flush with the frame, concealed Koblenz Spirit 80 hinges, and an AGB magnetic lock; the 40 mm flush solid-core version with a honeycomb structure, 4 mm MDF facing, and 0.9 mm Abet laminate finish, equipped with Koblenz Series 40 hinges and a magnetic lock; and finally, the frameless glass version, manufactured from 10 mm tempered glass and fitted with Metalglass V-809 hinges and a Hoppe HCS Paris handle.

Each configuration is complemented by premium-grade silver-finish hardware, ensuring strength, transparency, and a contemporary design perfectly coordinated with the partition wall system. The door leaf is also supplied with an acoustic drop seal integrated into the lower rail, while door functionality can be further enhanced through the installation of an overhead door closer integrated within the upper profiles.





38 dB

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