

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 DOUBLE



The Double partition wall represented the natural evolution of the single-glazed line. In a market now consolidated around the dogma of transparency and clean lines, the evolution of the sector increasingly required greater acoustic comfort, seeking to overcome the physical limits of single-glazed partition walls.

To meet these needs, in 2014, the Double line took shape within the Research and Development department of Ferlegno. Adopting the principles of balance and functionality of the Ice series, this double-glazed system completed the company's offering, being designed from the outset to ensure simplicity, installation flexibility, and excellent acoustic insulation.

The strength of the Double line lies in its extreme versatility. The system is designed to integrate perfectly with different types of doors and hinged panels, precisely meeting each customer's specific requirements. A distinctive detail is the harmony between aluminium and glass: the proportions of the profiles are calibrated to allow switches to be installed directly on the uprights, avoiding technical bands that would interrupt its aesthetic continuity.

Today, Double boasts a well-established history thanks to hundreds of successful installations. Its solid structure, based on an adjustable and reliable mechanism, ensures a long lifecycle and an extremely low rate of after-sales interventions. Choosing Double means investing in a system capable of facing the challenges of time, while maintaining its structural and aesthetic qualities unchanged.

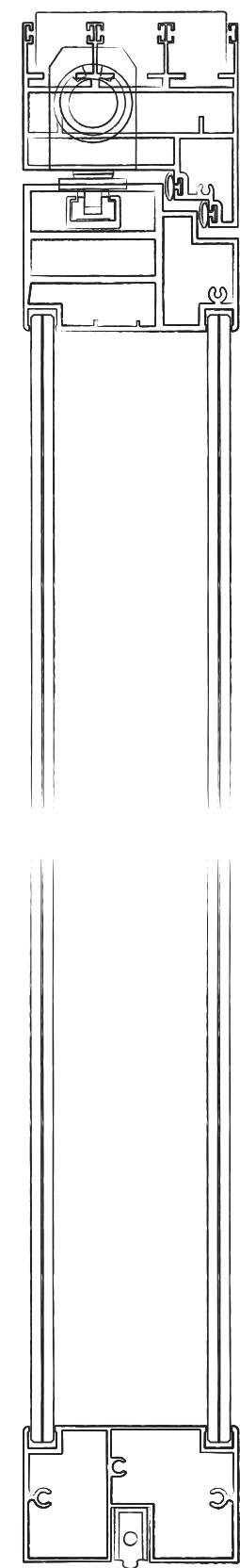


Model DOUBLE

The Double partition wall carries forward the construction philosophy of the single-glazed line, enhancing its technology to manage new structural balances. The door system and moving components have been mechanically refined to precisely accommodate increased loads, while maintaining flawless smoothness of movement and a consistently light visual line.

While evolving in performance, the system preserves the agility that defines the range: fast installation and exceptional capacity to compensate for uneven surfaces. With certified acoustic insulation of up to 46 dB, Double ensures superior environmental comfort within a clean, linear design, integrating concealed hinges and uprights that can be electrically equipped for a fast and technical transformation of office spaces.







The structure of the Double partition wall is made of EN AW-6060 aluminium alloy profiles, with a 79x45 mm section. These elements integrate technical grooves for sealing gaskets, ensuring precision in joints and long-term performance stability. The system maintains the operational advantages of the range, such as fast installation and a height adjustment capacity of ± 12 mm, achieved through internal feet within the profile, ideal for compensating differences in level between floor and ceiling.

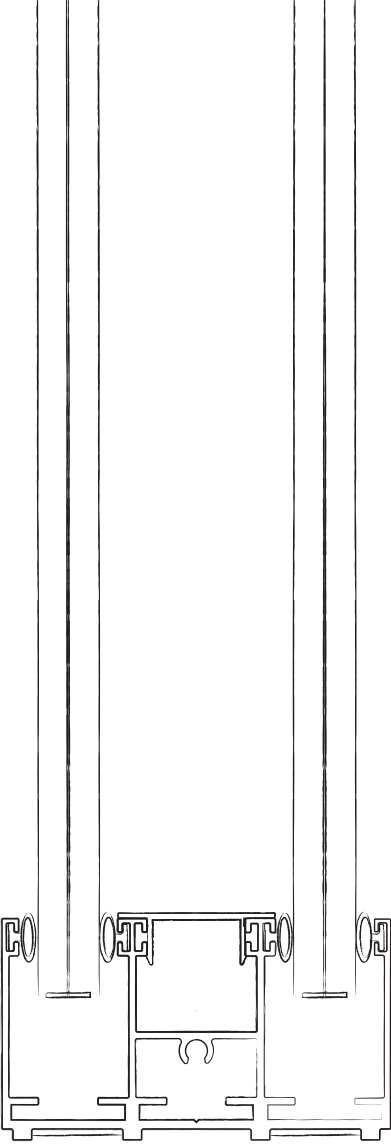
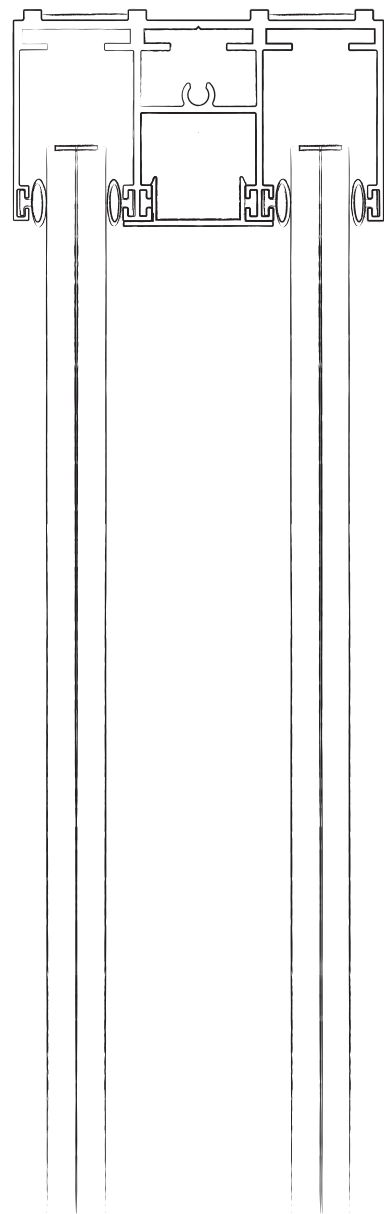
The acoustic insulation performance, tested in accredited laboratories in accordance with UNI EN ISO 10140:2021, offers different solutions depending on the selected configuration. For glazed modules, sound reduction reaches 41 dB with 5+5.1 laminated glass, going up to 46 dB with the use of 6+6 mm glass and acoustic PVB. In both cases, the glass sheets are bonded using 3M structural double-sided adhesive to achieve a continuous surface or, upon request, through the use of transparent polycarbonate. Alternatively, the glass panels can be replaced with solid infill panels, composed of a double 18 mm board. In addition to melamine-faced chipboard, the solid configuration is also available in lacquered or veneered finishes, offering broad aesthetic versatility. In this configuration, the cavity houses a 30 mm insulating layer, achieving a 41 dB reduction, which can be increased up to 47 dB through additional insulating layers.

The flexibility of the system allows alternating solid and glazed sections without changing the profile, using a dedicated aluminium separator. Its push-through behaviour enables installation in escape routes or, with appropriate glass, even use as a balustrade system for defining volumes overlooking voids.

The system is completed with door profiles featuring a 79×65 mm section, designed to ensure full integration between fixed modules and hinged modules. This solution guarantees perfect flush alignment and continuity of thickness across surfaces, maintaining a rigorous aesthetic.

The use of concealed hinges, adjustable on three axes, allows easy setup and reinforces the visual alignment between the door leaf and the partition wall.

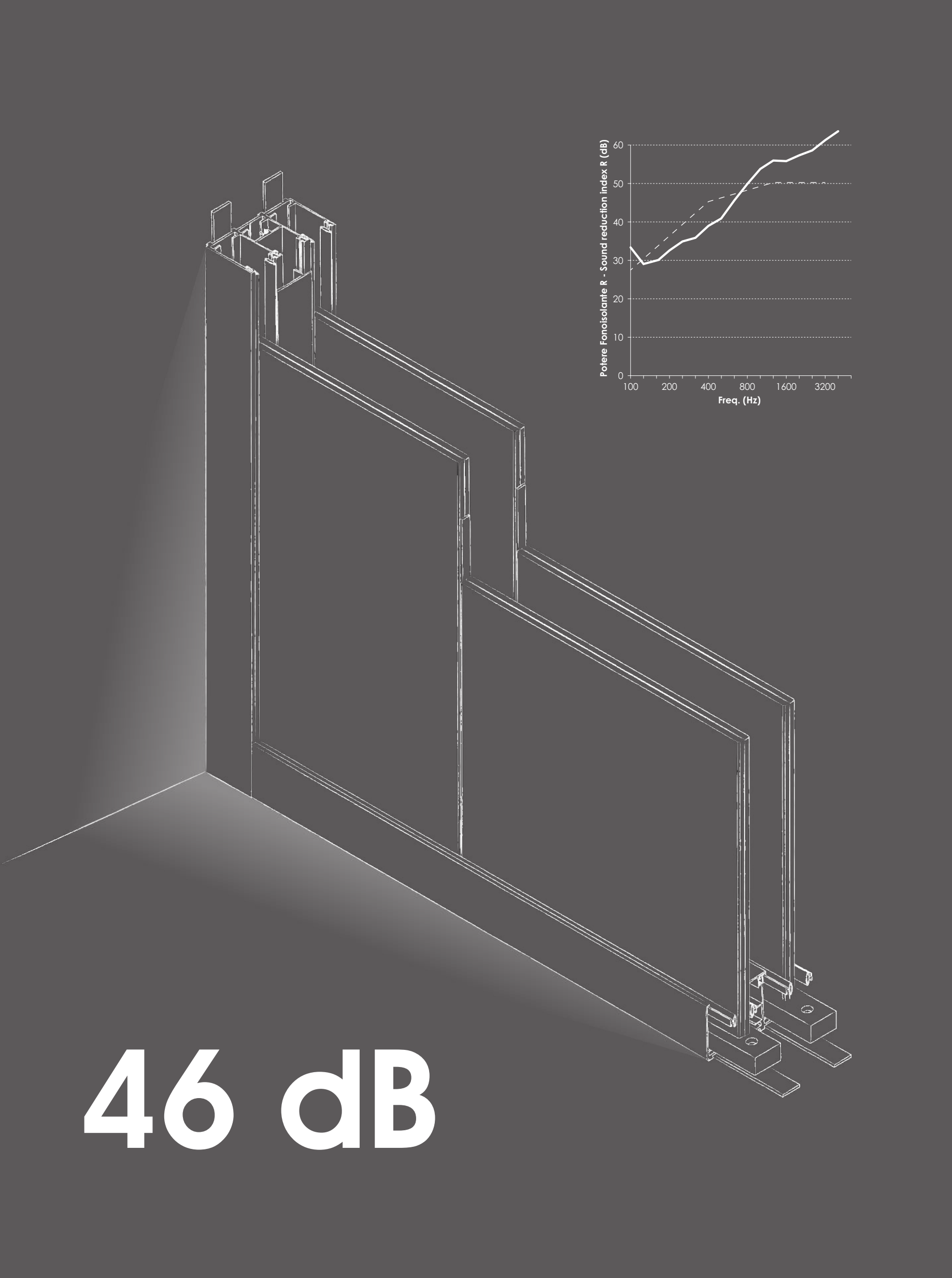
Three types of hinged doors are available: the hollow-core door consists of a 78 mm leaf with a honeycomb structure, MDF-faced and available in ABET plastic laminate, lacquered, or veneered finishes, equipped with Koblenz Spirit 80 hinges.



The framed door leaf, on the other hand, uses an aluminium frame with 3+3.1 safety glass and Koblenz Spirit 120 hinges.

Both solutions are equipped with Fimet handles in a silver finish and AGB magnetic locks; alternatively, the glass panels can be replaced with the same stratigraphy as the solid partitions, to obtain a solid framed door leaf, also available in lacquered or veneered variants.

From a functional perspective, the door uprights can directly integrate single-control electrical devices or include technical bands for the installation of additional equipment. In addition to standard finishes, such as natural anodised aluminium and the classic matt RAL 9010 and 9005, the availability of custom colours allows full project customisation according to specific requirements.



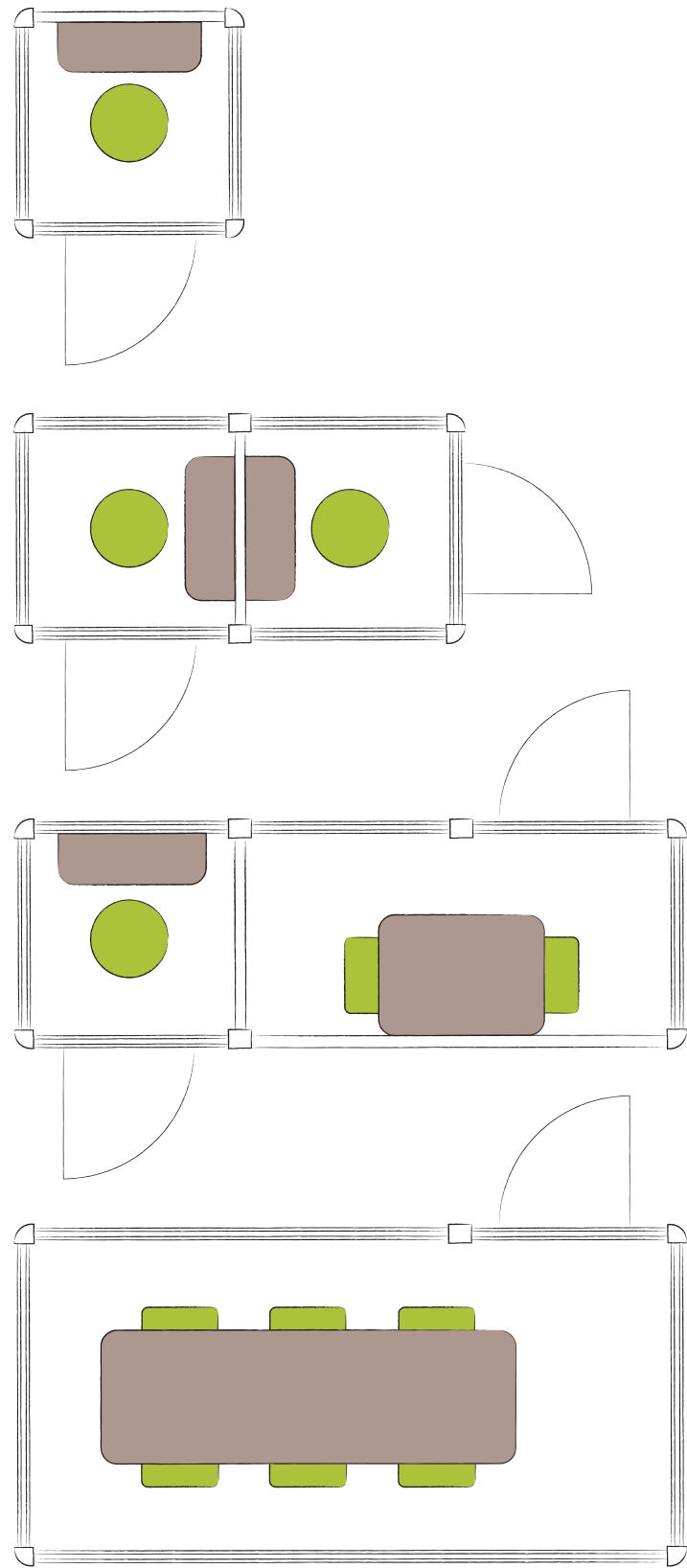
Phone BOOTH

The phone booth of the Double line is configured as a self-supporting volume designed to integrate coherently within the partition wall system. Its distinctive feature lies in the use of the same extruded profiles, a technical choice that preserves the formal continuity of the overall design.

This structural uniformity makes it possible to introduce dedicated acoustic privacy zones without altering the aesthetic language of the range, resolving the visual contrast that often occurs between partition walls and standalone acoustic modules.



CUSTOMISABLE Configurations



The phone booth system is not a simple catalogue product, but an integrated design tool that uses a modular self-supporting system concealed within dedicated corner extrusions. This technical architecture allows solutions to be developed on a predefined geometric grid, offering the possibility of configuring both walk-in environments, without a base, and structures equipped with their own raised, cable-ready flooring. This versatility makes it possible to extend modularity from a single element to complete meeting rooms, always ensuring perfect technical and systems integration.

Starting from the Double partition wall, the system is composed of EN AW-6060 primary aluminium alloy profiles with a 79×45 mm section. These elements integrate technical grooves for sealing gaskets, ensuring precision in joints and consistent long-term performance. The system maintains the operational advantages that characterise the range, such as fast installation and a height adjustment capacity of ±12 mm, which facilitates installation and proper compensation of floor-to-ceiling level differences, combined with solid partitions with the same characteristics, providing high levels of acoustic insulation across all components.

Within the spaces, walls and ceilings can be finished with fabric or sound-absorbing coverings, selected from the extensive Ferlegno material library; textile and vinyl flooring, as well as custom-upholstered seating and shelving, complete the range, making full use of our carpentry expertise in maximum design flexibility. All opaque partitions are equipped and cable-ready, ensuring full integration with the client's furniture and multimedia systems through the accessorisation of the uprights. Indoor environmental comfort is ensured by an air exchange system and dedicated silent return grilles, while LED lighting, with presence sensors or ambient lighting, ensures an elegant and functional space.



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