



air

Ferlegno
AIR
2023
System of
double-paned glass
mobile walls.

Since 1966, Ferlegno has produced advanced wall partition systems, finishes and custom furniture. Collaborating with the best design studios, from the initial concept design and space planning phases through to the completion of the implementation phase. In the best tradition of Made in Italy, which always prioritizes high-quality production, creativity in design and form, product durability, the company offers a service based on innovative architectural and technical solutions, custom-made, where attention to detail and environmental protection go hand in hand.

The design and production of partition walls is the core business of the company, which is part of the Coiver Group. The Research and Development division develops, engineers, and supervises the production of all the cataloged movable wall lines, depending on the different needs of the designers and the customization requests of the customers. Ferlegno, both in Italy and abroad, directly installs all the cataloged products, ensuring certified quality and providing all the necessary after-sales services. AIR, an exclusive and high-end product in the Ferlegno catalog, is an integrated movable wall system, designed with the specific aim of providing clients and professionals in the sector with an excellent product in terms of aesthetic quality, innovation, and cutting-edge technology.





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Inspired by the HE beam profile in its design, a symbol of solidity and strength with clean lines, the AIR glass wall evokes a sense of lightness, transparency, brightness, and durability at the same time. The minimalist design, combined with high structural strength, make AIR perfect for creating modern and sophisticated environments, but also for giving an industrial space a chic feel.

The window section is characterized by a milled profile that gives rise to a recess around the glass surface. This feature, in addition to being accessible with step lighting or decorative lighting, contributes to lightening the object's design and giving it character, differentiating AIR from other walls on the market. The clean design gives AIR the ability to adapt to different contexts and integrates perfectly with any type of furniture, making it an ideal choice for both residential and commercial projects. Its versatility and architectural design allow it to create unique and visually impactful spaces. AIR is designed to offer great flexibility in terms of configuration and finishes.

For example, corners can be created,

joints with three or four ways, to give life to customized configurations and perfectly adapt to the needs of the project and spaces. In addition, it is available with swinging or sliding doors, giving the possibility of including panic bars if necessary. The floating technical strip puts the glass surface in the foreground, reducing its technical appearance which then privileges its aesthetic dimension as a piece of furniture with personality. The possibility of equipping it with lighting switches, thermostats for climate control, access control systems and a LED fixture on the upper portion, can also serve to indicate a room's occupancy. In addition, if equipped with electrical outlets, it allows you to provide wiring to any point on the wall. The gap between the two glass panes can instead be characterized by see-through elements, diverse modular materials, which contribute and give character to the spaces while at the same time ensuring the level of privacy inside the room. AIR offers different profile finishes to adapt to the design of the interiors, creating a perfectly coordinated look with the surrounding environment or, if desired, in total contrast.

Architectural feeling



From the building envelope to the interiors.

The design of AIR finds its roots in the purest tradition of Italian design that makes a glass wall a precise architectural element of construction and definition of space and not only an object inserted in a space like any piece of furniture. Its profile is inspired by the structural element of a HE beam and, following its clean formality, works on its section by lightening the opaque part of the window as much as possible and leaving transparency as the role of protagonist.



100mm

Clean lines
Protagonist, with discretion.



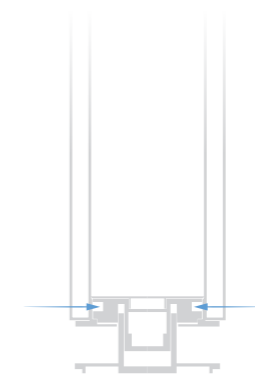
The hidden technology

Thickness, the necessary minimum.

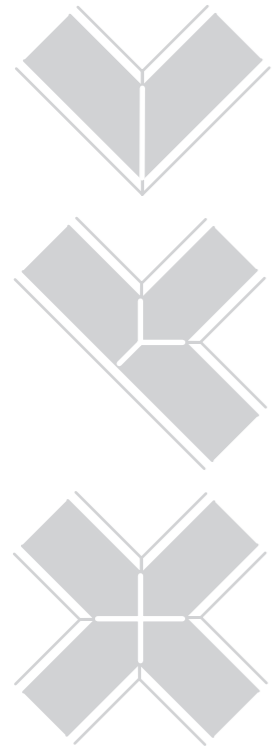
The profile is designed to keep its thickness as minimal as possible but at the same time to guarantee a 15 mm airtight fit, taking advantage of a gasket that becomes the distinctive feature of the wall design.

The profile section becomes minimal, generating a void that makes it extremely light by itself, an effect that can be emphasized by accessorizing the void with decorative lighting or step lighting that, in turn, can contribute to making the window even more ethereal.

The floating technical band allows for the housing of all the technical components for regulating lighting and temperature, as well as cables, reservation pad and indication of room reservation status.



Everything is in tune



Alignment of parts

In the 100 mm deep system, the wall sections and doors all run on the same line, giving continuity to the partition. This continuity is emphasized by the fact that two, three, or four-way joints are made without the use of uprights and without interruptions on the glass light. The entire system combines aesthetics and an acoustical performance of 45/41 dB.





Lightness in strength

In its lightness, the profile is designed to withstand the stresses it is subjected to and to offer different opportunities in managing openings. The swing door, in fact, can be provided with or without an upper stop and the hinges, including an integrated return spring, are hidden inside the upright and remain perfectly invisible both with the door open and closed.

The horizontal handle lock gives the door a distinctive touch that affirms its personality and innovative capacity.

The sliding door, also with double glass, opens inside the glass section, ensuring high acoustic performance and maintaining the symmetry of the design by avoiding misalignments.



Delicately solid





In constant change

A dress for every occasion

Technical characteristics

AIR is a system of double-paned glass mobile walls that combines strength and performance with lightness and versatility.

NODES AND ANGLES WITHOUT UPRIGHTS

2, 3 or 4 ways.

REGULATIONS

Horizontal \pm 15 mm
Vertical \pm 12 mm

DOORS

Double-paned acoustic swing door with hinge and disappearing return mechanism. Available with or without upper jamb.

Sliding door with double-paned glass doors that disappear into the thickness of the wall.

All doors are equipped with disappearing acoustic soundproofing and are available in a blind or glass version.

- ▶ Possibility of coordinated panic bars
- ▶ Acoustic performance: 45 dB (6+6), 41 dB (5+5)

ACCESSORIES AND OTHER TECHNICAL ELEMENTS DIMENSIONS

Floating technical strip equipped with: switches
thermostats
control systems
Reservation/presence light indicator

- ▶ Thickness 100 mm.
- ▶ Glass thickness 12 mm (6+6) or 10 mm (5+5)
- ▶ Door glass thickness 6 mm

FINISHES

TRIM PROFILES

Anodized



Natural



Titanium



Black

Polished



Polished



Titanium



Black

Painted RAL

Any sample color.

BLIND PANELS

Wood



Wengè



Oak



Bleached



Walnut

Glass



Extra clear



Transparent



Etched



Lacquered



Smoked



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