

**Door**  
Soundabsorbing Folding Door

**asset**  
space becomes place

dbccr

Door is the project of a young entrepreneur who decided to make use of the experience gained in the family business, a company specialising in the production of folding doors that was founded by his grandfather in 1962. The folding door made its debut in the 50s, inspired by the ideas of various architects on modern housing: it is a furnishing accessory that can be used to open up, divide or screen off an indoor area according to the desired layout.

The Door brand's collection of folding doors maintains these unique functional features while broadening its aesthetic horizons, thanks to new printing techniques and the use of high-tech cladding materials. The result is an architectural element with a minimalist look that connects spaces seamlessly, but which is also decorative and capable of adding a distinctive and highly individual touch to the rooms in which they are used.

Door is a new brand that combines tradition and vision, pragmatism and passion, simplicity and innovation, practicality and elegance. Door's future is a blank canvas waiting to be filled, just like its folding doors.



The character of an interior depends on the size and shape of the rooms, the psychological impact of the light, the insight of the designer, all of which transform a volume of full and empty spaces into a home for all purposes. Thresholds are what allow us to divide up space without foregoing the sense of whole. Curtains, doors, windows and sliding partitions are all thresholds. The folding door is a fusion of these elements. This extraordinary nineteenth-century idea has been used by architects and designers from all walks of life all over the world. A folding door allows us to reduce space, divide areas, designate a function and mark the boundary between public and private spaces. We recall many legendary interiors where these doors played a key role. Here is a selection of these below, presented out of order due to the various influences.

From the mid 1920s, Eileen Gray designed two homes with Jean Badovici. In Roquebrune-Cap-Martin and Paris, she used contrivances to create hybrid surfaces. They were not doors or curtains, but boundaries, room dividers that expanded or reduced the space depending on the tracks that you could give them. These partitions, which built upon smart ideas from mechanics and the culture of the outdoors became a complete novelty, thanks to the typological innovation they stood for, how easy they were to make and the simple materials they required.

But not only the French modernists were concerned with the matter. In fact, in Milan, in the early 1930s, Franco Albini separated off the sleeping area with a black waxed cloth curtain reinforced in a chrome-plated steel structure when furnishing Peiti house.



Apartments in Milan  
designed by  
Gianfranco Frattini,  
1957-61  
Courtesy Archivio  
Gianfranco Frattini



Interior of Visiona 1  
designed by  
Joe Colombo, 1969  
Courtesy  
Ignazia Favata —  
Studio Joe Colombo

But Gio Ponti was the Italian taking up the cause, also in this area. Already at the tenth International Exposition of the Triennale in Milan, he presented a living room of a “one-room home” with a folding door. The design was signed with Gianfranco Frattini, Alberto Rosselli and Antonio Fornaroli. What Ponti called a “great living space” was implemented through the creative and unprecedented use of sliding and folding doors. He started doing it when designing his house at via Dezza 49 in Milan. The project designed between 1955 and 1957 hardly had any actual doors: Ponti replaced them with sliding and folding doors. They were perfect to assemble and disassemble within the space, and they had sound-absorbent qualities, too.

Between 1969 and 1972, with Joe Colombo, folding doors became the symbol of futuristic home life where modular devices could become fluid at times or compact at others, mixed or individual, as necessary. This was the case of “Visiona 1” for Bayer AG, which, first at the Interzum trade fair in Cologne and later at the Museum of Science and Technology in Milan, took the public and critics by storm with the idea of a folding, transportable, revolutionary house without a sense of hierarchy between interior and exterior. A machine for sleeping and eating, featuring tracks, slots, mirrors and convertible furniture, where the walls were in plastic-laminated board, the curtains were slatted and the canopy over the bed was yellow. This level of hyperbole even amazed and sparked discussion at MoMA in New York during the exhibition “Italy: The New Domestic Landscape”. This time it was the “Total Furnishing Unit” that propelled the

vigorous progression of interiors into a continuous state of transformation.

Equally as significant were Gianantonio Mari, again at the same exhibition, with the “Modular Equipment for new domestic environments”, Alberto Rosselli with Isao Hosoe and the “Mobile house”, which was extendable thanks to sophisticated macro folding doors.

Although this boom then appeared to die down, the folding door later emerged in the interior designs of certain key figures of the 1980s who now feature in the literature of the sector. These included Toni Cordero, Paolo Deganello, Massimo Carmassi and Gabriella Ioli. From that time on, the folding door seemed to become a sophisticated quirk, a reference to the past or, in the worst cases, a necessary choice for box rooms or dental surgeries.

However, the themes of space saving, practicality and discretion of décor are timeless. In fact, they are swiftly gaining ground in contemporary interior design practice. And it is here that the modernity of the design idea lies, whose smart, hybrid form is being rediscovered by the public.



Gio Ponti apartment  
in via Dezza,  
Milan 1956-57  
Courtesy  
Gio Ponti Archives

Folding  
doors  
leading  
to open  
spaces



In the renovation plans for a student's home, the Dooor folding door is used to separate the living and sleeping area, blending in with the wallpaper. In this way, the two different surfaces, the hard consistency of the walls and the fluidity of the fabric, act as a perfect foil for each other.





Lateral opening  
with visible track  
and magnetic closing  
with profile.  
CB#1 handle  
and eggshell  
leatherette  
cladding, white  
on both sides.  
Dim. 2x2,6 mt

In the subtle solution found for this corner of a Ligurian flat, the Dooor folding door plays with curvature and changes in rhythm and light, providing a flowing 'trait d'union' between the cosy kitchen and the modern furnishings. The result is a "dematerialised" corner, which delimits the space and acts as a hub for the whole house.





Lateral opening  
with curved  
built-in track  
and magnetic closing  
without profile.  
Custom handle  
and flame-retardant  
leatherette cladding,  
light blue on one side  
and sand on the  
other.  
Dim. 3,1x2,7 mt





Bilateral opening  
with visible track  
and custom closing  
with profile.  
Custom handle and  
flame-retardant  
leatherette cladding,  
silver on one side and  
black on the other.  
Dim. 2,5x2,5 mt



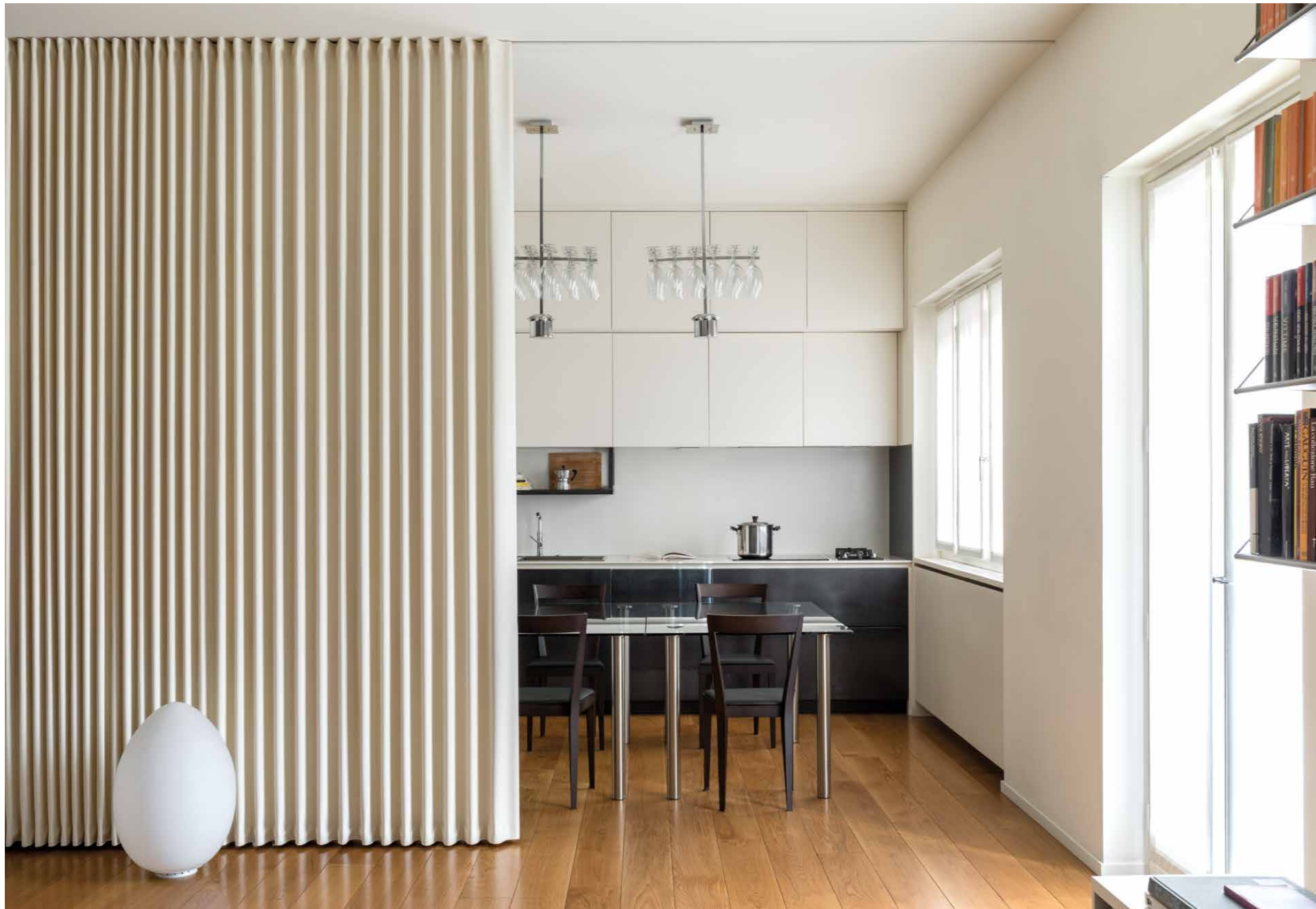


An industrial space designed for a single person becomes a perfect opportunity to try out the Door, both to screen off a walk-in closet and to separate the living and sleeping areas as a real door. The owner's passion for motorbikes influences the choice of materials: black leather and silver vinyl, to go with the industrial rubber flooring.









Bilateral opening  
with built-in track  
and magnetic closing  
without profile  
and without handle.  
Jute effect  
leatherette cladding,  
grey on one side and  
ivory on the other.  
Dim. 4,4×3,1 mt



The Door folding door's versatility is perfectly demonstrated in this project: here, different cladding materials and colours have been used for the single element separating the living room from the kitchen, in keeping with the different functions and shapes of each area.









Lateral opening with visible track and magnetic closing without profile on the library upright. CB#1 handle and orange coloured leatherette cladding on one side and white eggshell leatherette on the other. Dim. 4,5x2,7 mt

In a home full of art and design objects that reflects both the professional and personal interests of the owners, the Door folding door becomes itself a piece of art. As a sort of tribute to Achille Castiglioni, here the “anonymous object” takes the form of a large “curtain”, separating the living room from the kitchen island.







Bilateral opening  
with visible track  
and magnetic closing  
with profile.  
Custom handle  
and cladding  
in flame-retardant  
leatherette, white  
on both sides.  
Dim. 3,1×3 mt



In this project for an architectural studio, Door folding doors are seen as designer objects capable of interacting with various different languages and styles. In addition to being highly versatile, the doors are capable of transforming the look of a room thanks to their neutral surfaces and serviceable materials.







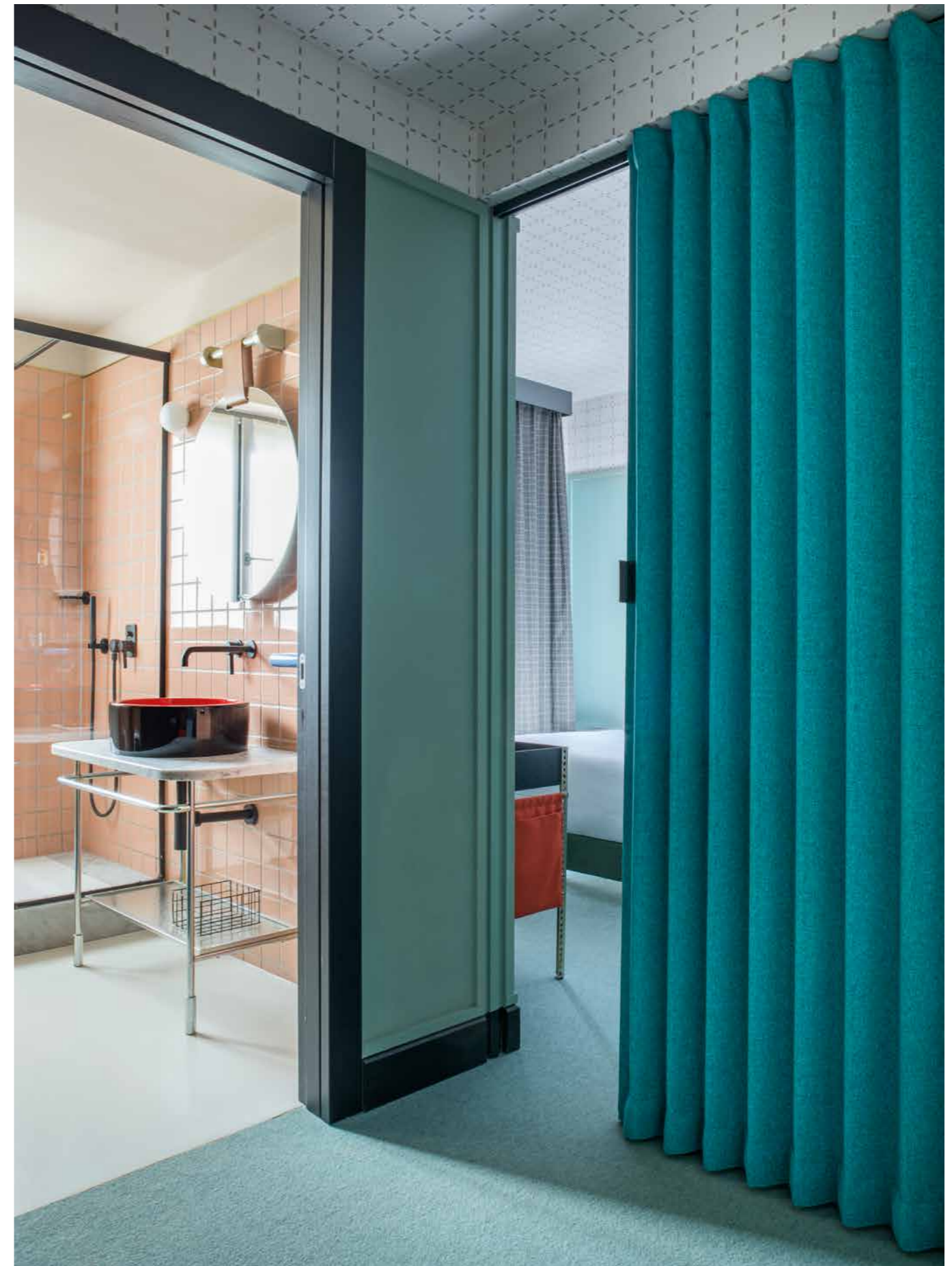


Bilateral opening  
with visible track  
and magnetic closing  
with profile.  
CB#1 handle and  
canvas cladding  
with gradient print  
on one side and  
blackout material  
on the other.  
Dim. 5,1x2,8 mt

The decor of the FontanaArte showroom pays tribute to the interior design of the '50s: the Door folding door has been adapted to recreate a domestic atmosphere. In this scenario, the material used on the door develops the figure-ground relationship and sets off the items on display to great effect.



Lateral opening  
with visible track  
and magnetic closing  
without profile.  
Custom handle  
and cladding  
in flame-retardant  
salt and pepper fabric  
in various colors.  
Dim. various







For the Room Mate Giulia project by Patricia Urquiola, the Door folding door overcomes all preconceptions regarding impersonal bedrooms, by giving the place a colourful, ironic touch. In this way, a practical, functional, repeatable element becomes an integral part of a space that is projected into the future.





Central opening  
with curved visible  
track and magnetic  
closing without  
profile and without  
handle.  
White leatherette  
cladding on one side  
and grey felt on the  
other.  
Dim. 2,4x2,5 mt

The Door folding door, used by Zanellato/Bortotto in one of five projects for the Moulin des Ribes (Grasse), is part of the revolutionary new way of using space, in which the bedroom becomes a comfortable and hospitable place in which to display artworks. Designed to bring the outdoors in, the room is redolent of the scenic beauty of Grasse.



Door  
is like a  
blank  
canvas in  
an artist's  
hands:  
pure  
potential

Opening system

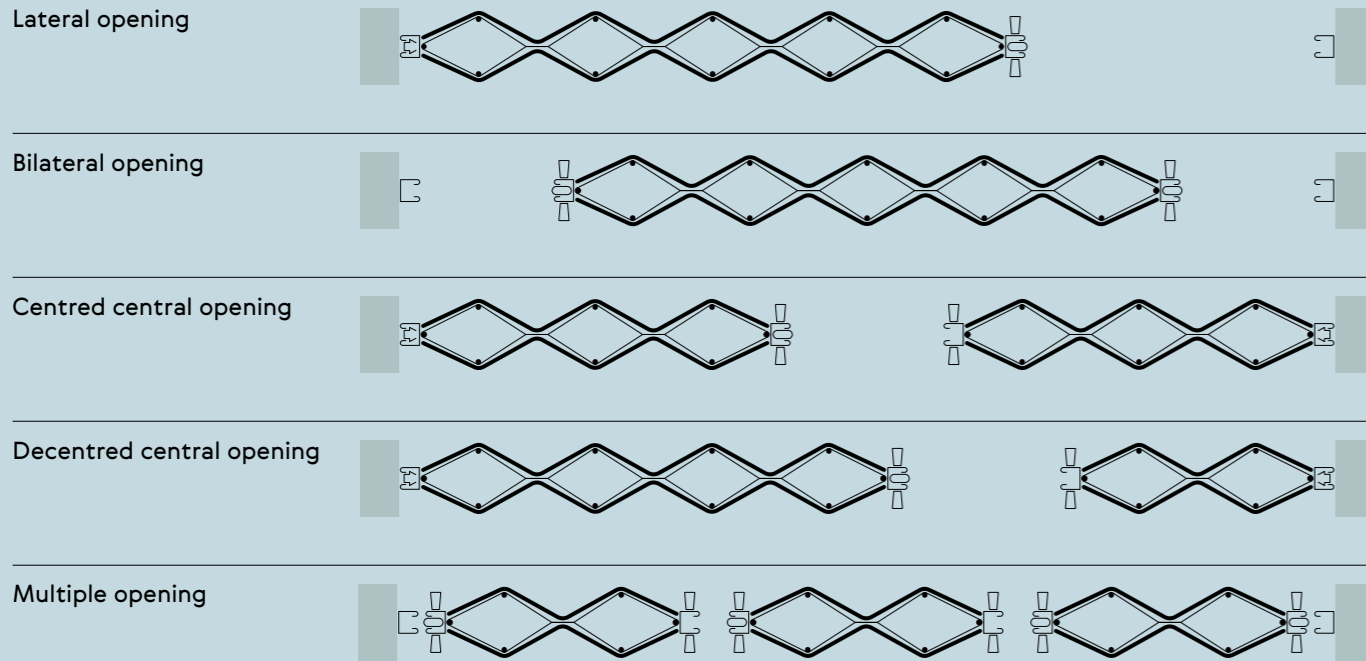
Door folding doors feature opening systems designed to enhance spaces of various kinds. Small and narrow spaces are best suited to lateral opening doors.

Bilateral opening allows you to make use of the whole space, with its characteristic double passage. When used for wardrobes, it enables 100% of their storage capacity to be utilised.

Centred central opening is appropriate for large rooms, creating a central passageway which varies according to requirements. Two side elements complete the picture, framing the whole.

A decentred central opening responds to specific requirements of the space where it is installed.

Multiple opening permits maximum versatility and practicality, designed to complement all the systems described above. In large spaces it plays two roles, giving each element the right balance and amplifying its usability.



Track

The aluminium track is the product of a technology in which steel pivots connect multiple modules, permitting potentially infinite length. The accuracy of this alignment adds fluidity to its movement.

This element may be visible (when the door is folded), or built-in to blend into the ceiling for improved appearance.

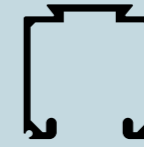
Tracks may be curved (with a minimum curve radius of 600 mm) to give the door a sinuous silhouette.

Door folding doors have two kinds of tracks: standard and adjustable.

The standard track is small (29 mm) with rounded corners for a softer shape. The adjustable track is adaptable in height (0-27 mm) to meet out-off-square needs.

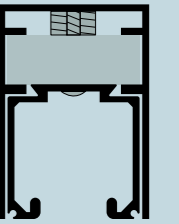
Standard track

29x29 mm



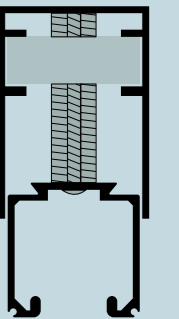
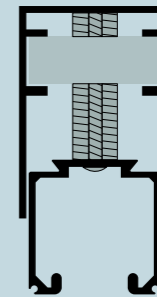
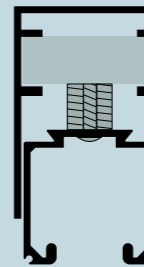
Adjustable track

33x46 mm

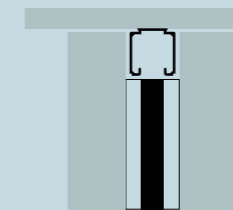


Height compensation with adjustable track

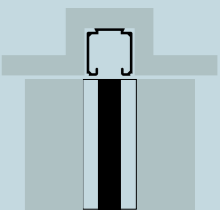
33x57 mm  
33x61 mm  
33x70 mm



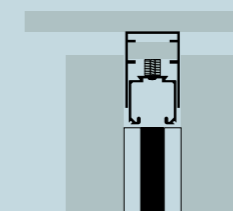
Visible standard track



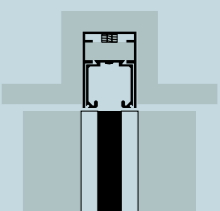
Built-in standard track



Visible adjustable track



Built-in adjustable track





Closing system

The closing systems on Door folding doors represent a combination of accuracy, minimalism, elegance and practicality. There are two possible closing systems: with an aluminium profile or without a profile.

The closing system with a profile, combined with a visible track, creates a frame guaranteeing aesthetic continuity.

The solution without a profile, integrated with the built-in track, is perfect for creating clean lines, the utmost expression of the minimalist aesthetic. In both systems, the door is closed by a magnet, which may be integrated into the profile or set into the wall.

Use of a special closing system with a latch or with a latch and lock using the European cylinder system (optional) makes for more solid closure.

Closing system with profile

Lateral closing

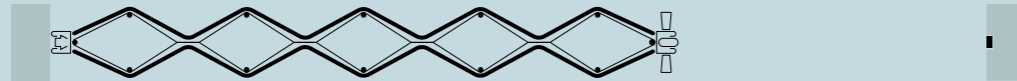


Central closing

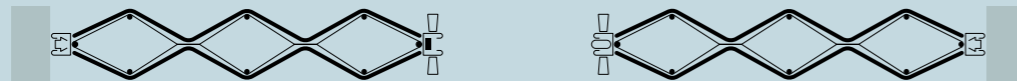


Closing system without profile

Lateral closing



Central closing



Handles

The Door handle is the result of in-depth ergonomics and aesthetic research, an elegant accessory underlining the folding door's practicality, especially when in motion.

CB#1

75 x 25 x 300mm



CB#2

29 x 18 x 216mm



CB#3

29 x 18 x 130mm



CB#4

Handle  
29 x 18 x 130mm



CB#5

Latch  
29 x 18 x 43mm



Latch  
29 x 18 x 43mm



Cladding

The Door folding door is available with a vast range of cladding materials and becomes an element of great character that will stand out in the space where it is installed if clad with decorative fabrics.

If clad with matt fabrics or materials, similar to the surrounding walls, it blends into them and becomes a subtly elegant echo. The door may be clad in different materials on each side: so while one side may be in keeping with a modern, minimalist space, the other may have a completely different feel and look.

Right side



Left side



Product Features

The door stretches upwards and to the side, as shown below: its height is equal to the height of the space in which the door will be installed, reduced by 5 to 10mm to ensure proper opening and closing.

The maximum available height is 6000mm. As it is a modular door, widths may be found in the specifications table below, corresponding to the size equal to or immediately bigger than the opening.

The door weighs about 7,5kg per square metre, depending on the cladding material. Doors weighing over 60kg should be installed with the unlimited modular coupling system, distributing the weight of the door for easier installation and maintenance.

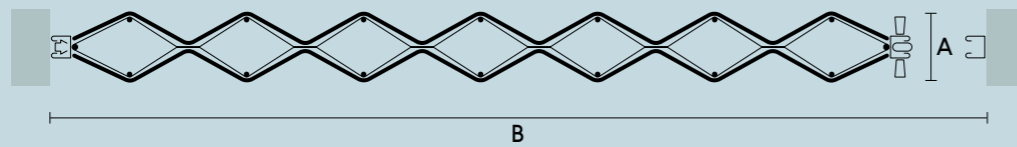
The thickness of the door varies from a minimum of about 100mm (with door fully extended) to a maximum of about 180mm (with door fully folded), depending on the thickness of the cladding.

Design note: it is in any case advisable to leave a space of about 220 mm to take into account the thickness of the door.

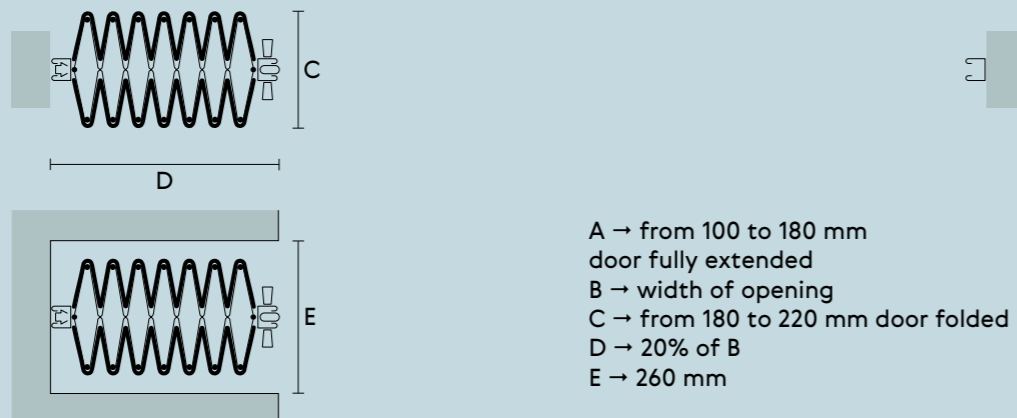
The folding door has an internal magnetic coupling system included for holding back the folded door, in order to reduce its bulk and increase the amount of space available in the doorway, with a maximum width of 1550 mm.

Specifications table (fixed product widths in mm)	0680	0825	0970	1115	1260	1405
	1550	1695	1840	1985	2130	2275
	2420	2565	2710	2855	3000	3145
	3290	3435	3580	3725	3870	4015
	4160	4305	4450	4595	4740	4885

Overall dimensions of fully extended door



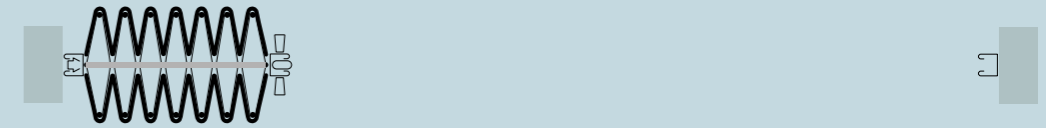
Overall dimensions of folded door



A → from 100 to 180 mm door fully extended  
 B → width of opening  
 C → from 180 to 220 mm door folded  
 D → 20% of B  
 E → 260 mm

Product Features

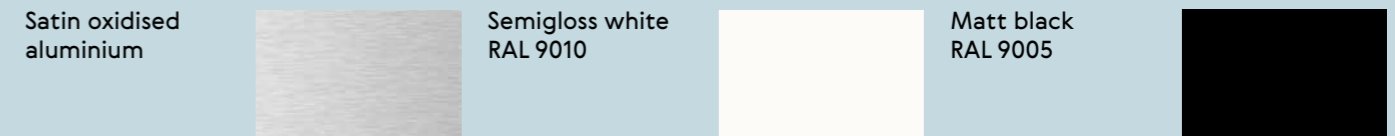
Internal magnetic block (upon request)



Unlimited modular coupling system



Colour variations tracks, profiles and handles



Note: RAL colours available on request

Colour variations seals



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