

The new dimension of the Agostini **INFINITY SERIES** sliding doors.

Lift and slide doors are ideal for big-sized glass doors. Their "lift and slide" mechanism guarantees that the doors open smoothly and also air-tightness on very big surfaces with heavy doors. The largeness of the glass piece ensures elegance and a lot of light in the room. For this reason, lift and slide doors are the most used in very exclusive environments.

Instead of the door being opened like a window (side-hinged), it slides on tracks and allows you fully take advantage of the surface of the wall and room. For particular needs, the door, by using a specific counterframe, can disappear inside the wall thus guaranteeing almost 100% light entrance.





An array of configurations and finishes that are practically... infinite!

The new Agostini Infinity lift and slide doors have been designed to guarantee a product that is architecturally and technically excellent:

- The system is centred on the Fibex Inside technology
- The Fibex composite material guarantees the unparalleled insulation of the sliding doors (Uw up to 0,80 W/m²K) and excellent mechanical resistance while having a reduced size.
- The excellent insulation of the Fibex and the special tightness system make these sliding doors suitable for building with the strictest protocol for house climate.

Special attention was paid to the design of the finished product with numerous technical and aesthetic devices. In fact, the system can manufactured with traditional symmetrical doors, as well as with the glass of the fixed panel manufactured without a visible frame thus giving maximum luminosity to a room. This solution is ideal to make the fixed panel bigger than the door that opens. The frame is manufactured with an internal and external casing that confers elegance and clean lines to the system by covering the fastening and tightness elements that remain in view in the traditional systems.

The Agostini Infinity lift and slide doors can also be manufactured with PVC, Aluminium-Wood, Aluminium, and also with the new Total Glass finish that makes the door look like a real painting. This method with the glass having no frame becomes the only element in sight and fills the room with light, transparency and elegance.















Tecnologie e soluzioni Infinity





1. Hidden, built-in frame

The frame was designed to be installed flush with the wall making it disappear from sight.

In this way, the glass will be the only element in sight and seem bigger and more luminous.



2. Upper roller track

In respect of the best insulation performance, the upper Fibes frame includes an insulating roller track, a 3-gasket tightness system and a brush.

3. Coplanar door

To make the design even more valuable, internally, the main sliding door is coplanar with the frame.

4. Frame covering system

The external part of the sliding door is covered with a "casing" on the frame; it renders the system elegant and clean and at the same time it considerably increases tightness and insulation performance of the door integrating it with a brush and "acoustic" seal. For an elegant finish, the attachment screws are hidden.



5. Lower threshold

The lower threshold in Fibex has been reduced to a minimum height of 20 mm guaranteeing excellent tightness and insulation. In the solution with the fixed panel, the threshold, thanks to the monorail solution, is half as deep with respect to traditional systems making it the movement of the door easier. To ensure fluid movement over the years, the system foresees the sliding of the carriage on stainless steel tracks. In special situations, the threshold can be built into the floor reducing the height to only 6 mm.



6. Fixed panel

The fixed panel is composed of a lower, shortened frame to reduce its size to a minimum and increase the surface of the glass. (This solution is optional on the 560 PVC series).



7. Central tightness system

The central tightness system of the door has been designed with a special system that foresees a central tunnel with double seal and triple brush, thus creating a depression chamber that makes the elimination of water into the bottom drain easier.







Safety configurations.

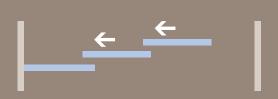
Infinity sliding doors have 3 points of closure and the configuration of the frame does not allow the door to be forced open by lifting it. Thanks to the use of the large carriages, it's possible to install thicker coupled glass panes to reduce break-ins. For greater safety, a locking system with opposite hooks can be supplied.



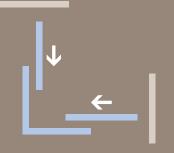
Opening Configurations

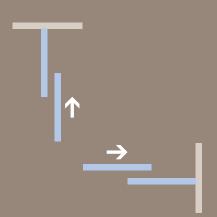














Locks

The lift and slide door usually offered with internal big handle and external flush pull handle can also be supplied with lock and top handles.





Handle selection

IM01



Available in the following colours: White F0 Silver F1 Bronze F4

IM02



Available in the following colours: White F0 Silver F1

IM03



Available in the following colours: Satin chrome Glossy chrome Mixed chrome **IM04**



Available in the following colours: Satin chrome Glossy chrome IM05



Available in the following colours: Glossy brass F7 I Satin brass F4 I

Automation

The lift and slide door can be equipped with hidden, shock absorbing opening suggested for doors that are heavier than 300 kg, thus ensuring fast, silent and easy opening and closing. The electric motor is programmable on the basis of the client's need.







The prestigious TOTAL GLASS finish can also be applied on the Infinity sliding door making the glass the sole protagonist, even big-sized doors.

Total Glass Agostini. New horizons in door and window design.

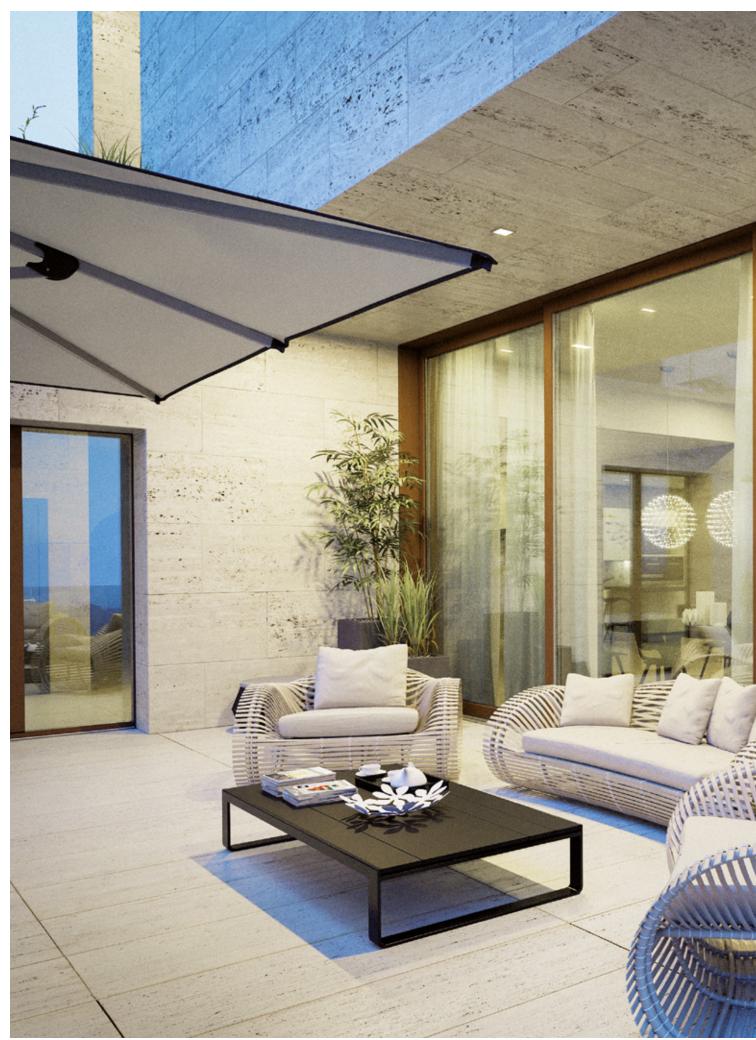
The revolution that defines the new aesthetic canons of doors and windows.

Agostini 500-H is the exclusive door characterized by a smaller door in **Fibex** composite material and hidden from view from the outside. Due to its innovative system, the new **Total Glass** finish that makes the window look like a real painting can be added to the traditional internal finishes in wood or aluminium. This way, the frame-free glass becomes the sole element of the door in view and fills the room with new light, transparency and elegance, thus always guaranteeing maximum performance in thermal and acoustic insulation.











agostinigroup
serramenti made in italy da oltre 50 anni

Agostini Group s.r.l.
via G. Pascoli, 21
30020 Quarto d'Altino
Venezia, Italy
Tel +39 0422 7007
Fax +39 0422 700 799
info@agostinigroup.com

agostinigroup.com



