



**Ballan garage doors:
Italian quality, European safety**



ballan[®]
GARAGE DOORS



**Ballan garage doors:
reliability and safety, day after day.**



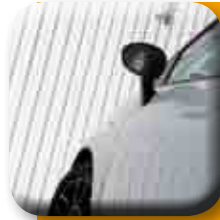
Ballan SpA is Italy's leading garage door manufacturer.

Since 1970 Ballan has pursued a single objective: to always keep maximum levels of quality, technology and safety of its products.

- **The numerous patents** are proof of the technological superiority of the structural, mechanical and electronic solutions adopted.
- **Certification to UNI EN ISO 9001:2008 together with "made in Italy"** design and production ensure maximum construction quality and optimal reliability of all components.
- Last but not least, **the CE mark**, which accompanies all Ballan door models, guarantees complete safety against accidents.



UP-AND-OVER DOORS



STEEL UP-AND-OVER DOORS:
a character of steel, total reliability
> from page 6



EKO UP-AND-OVER DOORS:
ecological, evolved, durable
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long live the door
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wood with a steel core
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LINEALEGNO HF UP-AND-OVER DOORS:
the noblest of heat efficiency
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Ballan certifies garage door safety.

All garage door products bear the **CE mark**. Each product is supplied with the **CE Declaration of Conformity**, issued by Ballan and validated by the Notified Body, which certifies compliance with all mechanical requirements, additional compulsory performance factors, and for power-operated doors, provisions for power-operated operation as established by the Product Standard EN 13241-1.



SECTIONAL DOORS



NEW AGE XT SECTIONAL DOORS:
progress aims high
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ONDA SECTIONAL DOORS:
insulated, practical and comfortable
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the lateral sliding garage door
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GARAGE DOORS



SPAZIO structure

smaller size, more room to move.

Designed specifically for garages with smaller entrances, no greater than 3300 mm in width, this structure features **compact side jambs of only 80 mm** and a standard transom.

SIKURTEC structure

solution available only for Plana models.

Universal solution for garages with entrances up to 3500 mm in width, this structure features **side jambs of 120 mm** and a standard transom.

SIKURA structure

for the largest dimensions and maximum safety.

Designed specifically for very large garages, up to 6500 mm in width, this structure features **120 mm side jambs** made of 15/10 mm gauge steel sheet, and a transom again made of 15/10 mm steel sheet.

The three structures, for up-and-over doors, that meet all needs.

Ballan has created a range of structures designed to match the characteristics of any type of garage, entrance dimensions and the intended use (simply consider the substantial difference between the door of a single garage and that for a communal apartment block garage). Does the tailor-made door really exist? By mixing Ballan models and structures, the answer is yes. A resounding “yes”.



Doors bearing the “HF” mark adopt the safety clearances and rubber seal to prevent the risk of crushing fingers.





SPAZIO

Designed specifically for garages with smaller entrances, no greater than 3300 mm in width, this structure features compact side jambs of only 80 mm and a standard transom. Made of pressed galvanised steel sheet, the mobile leaf is constructed with 60 mm tubular section, complete with strikers and lateral counter-striker, lateral removable counterweight sleeves in galvanised and/or pre-finished steel with similar to RAL 9016 finish. **Manual operation.**

SPAZIO HF

The HF mark indicates that this structure has a provision for retrofit power operation in full compliance with the Product Standard EN 13241-1. In fact the "safety clearances" of 25 mm between mechanisms, the perimeter seals, reinforced lever arms and self-centring brackets all serve this purpose.

Manual or power-operated.



SIKURTEC HF

for Plana models only

Solution for Plana models only, for garages with entrances up to 3500 mm in width, this structure features 120 mm side jambs and standard transom. Made of pressed galvanised steel sheet, this mobile leaf is constructed with 60 mm tubular section, complete with strikers and lateral counter-striker, lateral removable counterweight sleeves in galvanised and/or pre-finished steel with similar to RAL 9016 finish.

The HF mark indicates that this structure has a provision for retrofit power operation in full compliance with the Product Standard EN 13241-1. In fact the "safety clearances" of 25 mm between mechanisms, the perimeter seals, reinforced lever arms and self-centring brackets all serve this purpose.

Manual or power-operated.

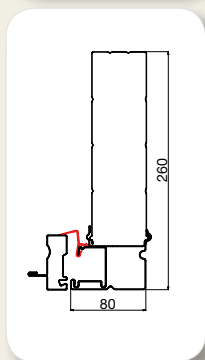


SIKURA HF

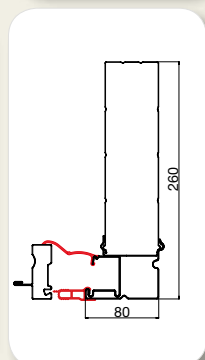
Designed specifically for very large garages, up to 6500 mm in width, this structure features 120 mm side jambs made of 15/10 mm gauge steel sheet, and a transom again made of 15/10 mm steel sheet. Made of pressed galvanised steel sheet, the mobile leaf is constructed with 80 mm tubular section, complete with strikers and lateral counter-striker, lateral removable counterweight sleeves in galvanised and/or pre-finished steel with similar to RAL 9016 finish.

The HF mark indicates that this structure has a provision for retrofit power operation in full compliance with the Product Standard EN 13241-1. In fact the "safety clearances" of 25 mm between mechanisms, the perimeter seals, reinforced lever arms and self-centring brackets all serve this purpose.

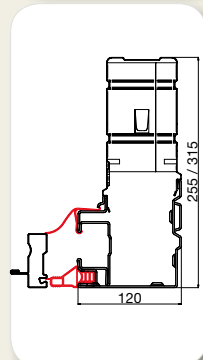
Manual or power-operated.



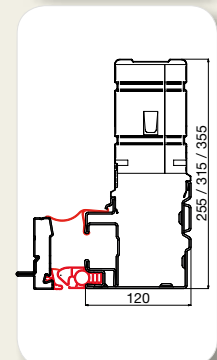
Sectional view of side jamb, mobile leaf profile, and internal seal.



Sectional view of side jamb, mobile leaf profile, external and internal seals.



Sectional view of side jamb, mobile leaf profile, external and internal seals.



Sectional view of side jamb, mobile leaf profile, external and internal seals.



STEEL UP-AND-OVER DOORS

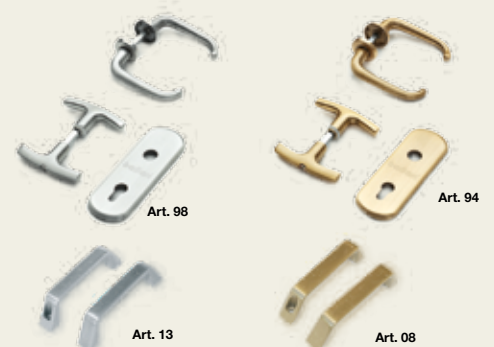
More models, more colours, more accessories.
Ballan: a choice right on target.



The Steel up-and-over doors are offered in the standard colours RAL 6005, RAL 6009, RAL 7016, RAL 7035, RAL 8017, RAL 8019, RAL 9002, RAL 9010 and RAL 9016. On request, the doors can be paint-finished in any of the colours available on the Ballan RAL colour chart: more than 200 optional finishes!

Secure grip handles.

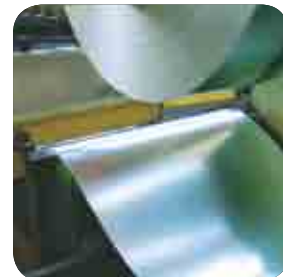
As an alternative to the standard black ABS set, Ballan offers two alternative handles in aluminium: in satin-finished brass (art. 94) or in satin-finished chrome (art. 98).





Steel up-and-over doors: only the best steel, only “made in Italy” technology.

Produced entirely by Ballan, the Steel up-and-over doors are constructed in heavy gauge pressed and galvanised steel sheet. Selection of only the best raw materials, combined with special processing techniques to exploit steel resistance to the full, ensure prolonged lifetime of this type of door.



More models, all the solutions.

A great advantage of the Zink range is the wide range of options available; a large assortment of models, available for manual or power operation, also with the convenient option of the slide-away leaf. But what ensures the option of maximum personalisation of the door is the range of optionals and colour variants available with the Ballan colour chart.

With at the top of safety.

Models bearing the HF mark are aimed at those seeking the maximum safety of doors, which as well as incorporating the anti-fall device that engages in the event of rope breakage, envisages safety clearances of 25 mm, perimeter rubber seals between the fixed frame and mobile leaf, reinforced lever arms and self-centring brackets to guarantee correct closure of the mobile leaf.

ballan
GARAGE DOORS

CE

The guarantee of the CE mark.

Complete protection against the risk of accidents is guaranteed by Ballan. In fact all garage door products bear the CE mark. Each product is supplied with the CE Declaration of Conformity, issued by Ballan and validated by the Notified Body, which certifies compliance with all mechanical requirements, additional compulsory performance factors, and for power-operated doors, provisions for power-operated operation as established by the Product Standard EN 13241-1.

And the “sensitive” motor.

Ballan operators used on up-and-over doors are equipped with 24V irreversible motors fitted with a force limiter device that interrupts and inverts movement in the presence of an obstacle. The maximum force admitted by the Product Standard is 400 N. The action of the Ballan force limiter is below this parameter.





External view of Zink GT up-and-over door with Spazio structure. The Ral 6018 finish is optional.



Zink GT up-and-over door, Spazio structure in galvanised steel sheet and ventilation holes on the lower section of the mobile leaf (holes 60x20 mm).



External view of Zink GT with Spazio structure and pedestrian door with 3 locking points, fitted with safety hinge bolts. The pedestrian door, fitted with aluminium hinges and complete with handle and lock, can be side or centrally mounted, according to the size of the up-and-over door.



ZINK GT SPAZIO

Wider access for easier entry.

Available as manually operated only, Zink GT Spazio is the counterweight up-and-over door in galvanised steel with side jambs of just 8 cm. Fitted with anti-fall device, CE dataplate and declaration for manual use.

Measurements (unit of measurement 10 mm):
width from 2000 to 3300 mm
height from 2000 to 2650 mm



Internal view of Zink GT up-and-over door with Spazio structure. The counterweight sleeves are in pre-painted white- grey steel sheet.

ZINK GT SPAZIO HF

Zink GT Spazio HF is the counterweight up-and-over door in galvanised steel with side jambs of just 8 cm. HF safety offers a safety clearance of 25 mm between the fixed frame and mobile leaf, perimeter seals, reinforced lever arms and self-centring brackets. Fitted with anti-fall device, CE dataplate and declaration for manual or power-operated use.

Operator: ERG-1, ERG-2.

Measurements (unit of measurement 10 mm):
width from 2000 to 3300 mm
height from 2000 to 2650 mm



Internal view of Zink GT up-and-over door with Spazio HF structure and perimeter seals. The pedestrian door, ERG-2 drive with pre-fitted internal photocells, pre-wired electrical system, and RAL 6018 finish are optional. The counterweight sleeves are in pre-painted white- grey steel sheet.



Detail of hardened joint, joining the galvanised steel sheet by means of "cold welding". This technology ensures increased resistance to corrosion.



ZINK SIKURA HF



External view of Zink up-and-over door with Sikura HF structure. The RAL 5012 finish and ERG drive are optional.



External view of Zink up-and-over door with Sikura HF structure, two top windows fitted for glazing incorporated into mobile leaf (glass not included).



External view of Zink with Sikura HF structure and pedestrian door with 3 locking points. The pedestrian door, fitted with aluminium hinges and complete with handle and lock, can be side or centrally mounted, according to the size of the up-and-over door.



Internal view of Zink with Sikura HF structure and pedestrian door with 3 locking points, fitted with safety hinge bolts.

ZINK SIKURA HF prime quality in a name.



Available for manual or power operation, Zink Sikura HF is the counterweight up-and-over door in galvanised steel with side jambs of 120 mm. HF safety offers a safety clearance of 25 mm between the fixed frame and mobile leaf, perimeter seals, reinforced lever arms and self-centring brackets. Fitted with anti-fall device, CE dataplate and declaration for manual or power-operated use.

Operator: ERG-1, ERG-2.

**Measurements (unit of measurement 10 mm):
width from 2000 to 6500 mm
height from 2000 to 3000 mm**



Internal view of Zink with Sikura HF structure and ERG-2 drive, pair of internal pre-fitted internal photocells and pre-wired electrical system (optional). The counterweight sleeves are in pre-painted steel sheet with white similar to RAL 9016 finish.



LINE SIKURA HF



External view of Line up-and-over door with Sikura HF structure. The Line variant envisages the door with horizontal slats and central vertical slat, in heavy gauge galvanised steel sheet.

ZINK SIKURA HF CITY



External view of Zink up-and-over door with Sikura HF City structure. The RAL 6034 finish and ERG-2 CITY operator are optional.



External view of Zink up-and-over door with Sikura HF structure, two top windows fitted for glazing incorporated into mobile leaf (glass not included).



External view of Zink with Sikura HF City structure and pedestrian door with 3 locking points. The pedestrian door, fitted with aluminium hinges and complete with handle and lock, can be side or centrally mounted, according to the size of the up-and-over door.



Internal view of Zink with pedestrian door 3 locking points, fitted with safety hinge bolts. The counterweight sleeves are in pre-painted steel sheet with a white mock RAL 9016 finish.

ZINK SIKURA HF CITY

the advantage of
a slide-away leaf,
in total safety.



Available for manual or power operation, Zink Sikura HF City is the counterweight up-and-over door in galvanised heavy gauge steel with side jambs of 120 mm and a slide-away mobile leaf. The ideal solution for garages opening onto pedestrian areas, including those with arched openings. HF safety offers a safety clearance of 25 mm between the fixed frame and mobile leaf, perimeter seals, reinforced lever arms and self-centring brackets. Fitted with anti-fall device, CE dataplate and declaration for manual or power-operated use.

Operator: ERG-2 City.

Measurements (unit of measurement 10 mm):
width from 2000 to 6500 mm
height from 2000 to 3000 mm



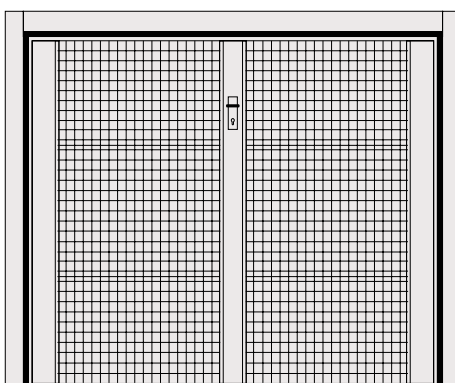
Internal view of Zink with Sikura HF City structure and ERG-2 CITY operator, pair of internal pre-fitted internal photocells and pre-wired electrical system (optional). Detail of ceiling tracks with RAL 9016 finish.



External view of Zink up-and-over door with Sikura HF City structure with perforated steel sheet (Ø hole 6 mm) and pedestrian door.



Solutions for apartment blocks.



External view of up-and-over door with electro-welded galvanised mesh of 40x40 mm.



Detail of electro-welded galvanised mesh of 40x40 mm (gauge Ø 3.5 mm).



Up-and-over door with Sikura HF structure, with maximum perforation of mobile leaf (ventilation holes 60x20 mm). External view of up-and-over door L 260 x H 220 cm. Ral 9018 base coat.



Detail of ventilation holes 60x20 mm.



EKO UP-AND-OVER DOORS

The handles ensure a firm grip



The fantasy of colour

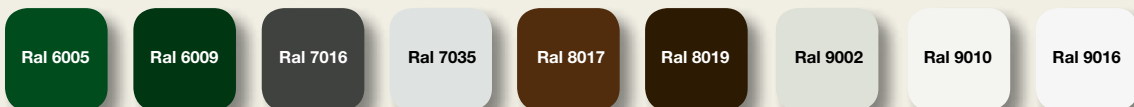
EKO up-and-over doors (Agile, Sprint, Plana) are available in the standard colours RAL 6005, 6009, 7016, 7035, 8017, 8019, 9002, 9010 and 9016. On request they can also be finished in any colour from the Ballan RAL colour chart, with a choice of more than 200 finishes!



1. Plate and lock handle in black ABS for mobile leaf locking.
2. Bridge handle in black ABS.



Art. 94 - Plate and handle in aluminium, with satin-finished brass;
Art. 98 - Plate and handle in aluminium, with satin-finished chrome;
Art. 08 - Aluminium internal/external lower bridge handle with satin brass finish;
Art. 13 - Aluminium lower internal/external lower bridge handle with satin chrome finish.





Ecological, evolved. EKO is Ballan.



The panels are insulated with a polyurethane foam core, flame-retardant and HCFC free.



Insulation: the advantage of the EKO range.

EKO up-and-over door panels are produced in the thickness of 25 mm (Agile and Sprint), or 40 mm (Plana and PlanaViva) in steel sheet with a polyurethane foam core that is flame retardant and totally HCFC free.

Thanks to this insulation, EKO doors insulate the garage from changes in outside temperatures, thus preventing the dispersion of energy.

With **HF** at the top of safety

Models bearing the HF mark are aimed at those seeking the maximum safety of doors, which as well as incorporating the anti-fall device that engages in the event of rope breakage, envisages safety clearances of 25 mm, perimeter rubber seals between the fixed frame and mobile leaf, reinforced lever arms and self-centring brackets to guarantee correct closure of the mobile leaf.

The guarantee of the CE mark

Complete protection against the risk of accidents is guaranteed by Ballan. In fact all garage door products bear the CE mark. Each product is supplied with the CE Declaration of Conformity, issued by Ballan and validated by the Notified Body, which certifies compliance with all mechanical requirements, additional compulsory performance factors, and for power-operated doors, provisions for power-operated operation as established by the Product Standard EN 13241-1.



More light for the garage.

Fitting top windows into Eko up & over doors supplies the inside of the garage with natural lighting.



External view of Agile up-and-over door with Sikura HF structure. Two top windows fitted for glazing incorporated into mobile leaf (glass not included).





External view of Agile up-and-over door with Sikura HF structure (multi-line panel); the Ral 6019 finish and handle art. 98 are optional.

AGILE



External view of Agile up-and-over door with Sikura structure and pedestrian door. External side with multi-line panel, internal side with smooth panel (pitch 250 mm).

SPRINT

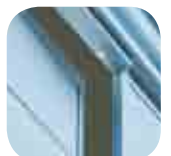


External view of SPRINT up-and-over door with Spazio HF structure and pedestrian door. External side with smooth panel (pitch 250 mm), internal side with multi-line panel.

Doors within doors

The pedestrian door inserted in the mobile leaf is constructed in galvanised steel profile (designed and manufactured by Ballan) and fitted with steel hinges and seals. Complete with handle and lock. It can be side or centrally mounted, according to the size of the up-and-over door.

Detail of safety relay, which enables opening of the up-and-over door only when the pedestrian door is closed.



AGILE and SPRINT the most dynamic up-and-over doors.

Available in manual and power-operated versions, Agile and Sprint are counterweight up-and-over doors produced with 25 mm insulated panels and side jambs of 80 or 120 mm. Available with City slide-away leaf. On power-operated versions, HF safety offers a safety clearance of 25 mm between the fixed frame and mobile leaf, perimeter seals, reinforced lever arms and self-centring brackets. Fitted with anti-fall device, CE dataplate and declaration for manual or power-operated use.

Operator: ERG-1, ERG-2, and ERG-2 City.



Internal view of Agile up-and-over door with Sikura structure (smooth panel); the Ral 6019 finish, ERG-2 operator, handle art. 98, pair of pre-fitted and pre-wired photocells, are optional. The counterweight sleeves are in pre-painted steel sheet with a white similar to Ral 9016 finish.



AGILE AND SPRINT UP-AND-OVER DOOR STRUCTURES

(unit of measurement 10 mm)

SPAZIO HF from L 2000 to 3000 - H from 2000 to 2650 mm

SIKURA HF from L 2000 to 6000 - H from 2000 to 2800 mm

SIKURA CITY HF from L 2000 to 6000 - H from 2000 to 2800 mm



SPRINT

External view of Sprint up-and-over door with Spazio HF structure, external side with smooth panel (pitch 250 mm) and internal side with multi-line panel. The pedestrian door and the Ral 5024 paint finish are optional.





PLANA 250

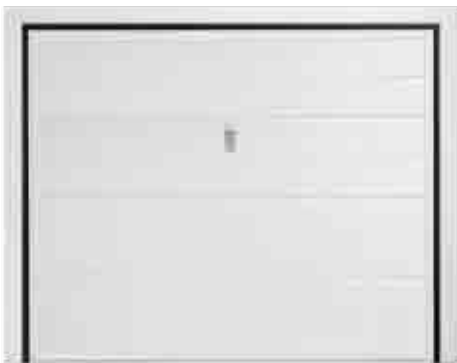
Panel with "smooth" surface finish on external side only for model Plana 500 and similar to Ral 7016 only, internal side is white.

Panel with attractive "embossed wood" finish

Panel with "smooth" surface finish on external side only for model Plana 250 and white only.

External view of Plana 250 with Sikura HF structure, with panel of 40 mm and "embossed wood" finish, Ral 9010 paint finish as standard. The retrofit provision for HF operators and handle art. 98, are optional.

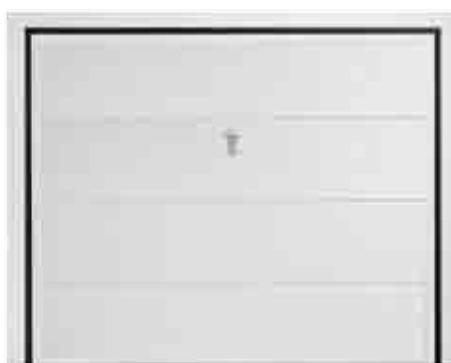
PLANA 250



Plana 250 up-and-over door with Sikura HF structure, panel with central groove, and surface finish in "embossed wood".

On Plana 250 only, panel with smooth surface finish on external side, in white only.

PLANA 500



Plana 500 up-and-over door with Sikura HF structure, panel without central groove, and surface finish in "embossed wood".

On Plana 500 only, panel with smooth surface finish on external side, with similar to RAL 7016 finish only. The internal side is white.

PLANA VIVA 500



Plana Viva 500 up-and-over door with Sikura HF structure with pedestrian door. The panels on the external side are finished with the "wood effect" film and "embossed wood" finish. The internal side of the panels is always supplied with the white "plaster embossed" finish in mock Ral 9010 white. On the external side, the panel is available in two colours: light walnut stain and structure with Ral 8003 finish, dark walnut stain and structure with Ral 8011 finish.

similar Ral 9016

similar Ral 7016

light walnut oak

dark walnut oak

PLANA

the most dynamic up-and-over doors.

Available in manual and power-operated versions, Plana 250/500 and Plana Viva are counterweight up-and-over doors produced with 40 mm insulated panels and side jambs of 80 or 120 mm.

Available with City slide-away leaf.

HF safety offers a safety clearance of 25 mm between the fixed frame and mobile leaf, perimeter seals, reinforced lever arms and self-centring brackets.

Fitted with anti-fall device, CE dataplate and declaration for manual or power-operated use.

Operator: ERG-1, ERG-2, ERG-2 City.



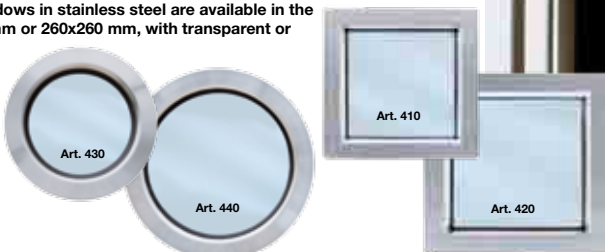
Internal view of Plana 250 and Plana 500 with Sikura HF structure, Ral 9010 finish as standard. The provision for retrofit of HF operators, the ERG-2 operator, handle art. 98, pair of internal pre-fitted and pre-wired photocells, are optional. The counterweight sleeves are in pre-painted steel sheet with a white similar to Ral 9016 finish.



Internal view of Plana Viva 500 with Spazio HF structure, with internal side of panelling always in white, and the structure paint-finished in Ral 8003 or Ral 8011. The counterweight sleeves are in pre-painted steel sheet with a white mock RAL 9016 finish.

The garage has natural lighting.

The round window frames in stainless steel are available in the diameters 240 mm or 330 mm, with transparent or satin-finished security glass. The square windows in stainless steel are available in the sizes 310x310 mm or 260x260 mm, with transparent or satin-finished security glass.



PLANA UP-AND-OVER DOOR STRUCTURES

unit of measurement 10 mm:

SPAZIO HF from L 2000 to 3000 - H from 2000 to 2650 mm

SIKURTEC HF from L 2000 to 3500 - H from 2000 to 2650 mm

SIKURA HF from L 2000 to 6000 - H from 2000 to 2800 mm

SIKURA CITY HF from L 2000 to 6000 - H from 2000 to 2800 mm

PLANA VIVA 500



External view of Plana Viva 500 with Spazio HF structure. The panels are clad externally only with the "wood effect" film in oak with light walnut stain and frame finished in RAL 8003. The retrofit provision for HF operators and handle art. 98, are optional.





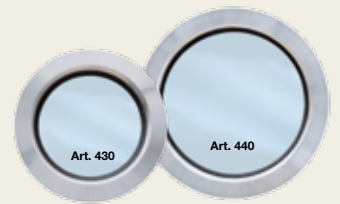
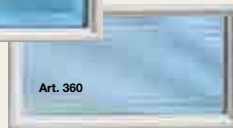
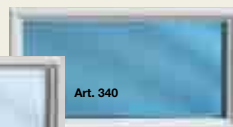
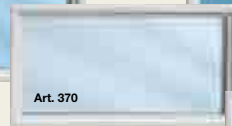
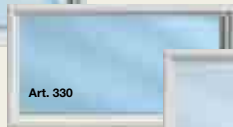
FUSION HF UP-AND-OVER DOORS

Natural light - the best solution for the garage.

The rectangular windows, in the size 380 x 190 mm, are in tempered shatter-proof glass, with minimal frames with a RAL finish, and the glazing can be selected with a range of satin finishes.

The round window frames in stainless steel are available in the diameters 240 mm or 330 mm, with transparent or satin-finished security glass.

The square windows in stainless steel are available in the sizes 310x310 mm or 260x260 mm, with transparent or satin-finished security glass.



Discover a world of colours with Fusion HF

Fusion HF up-and-over doors, internally and externally, are available as standard with the following RAL colours: 6005, 6009, 7016, 8017, 8019, 9002 and 9016. The Ballan RAL colour chart also offers a complete range of alternative shades.

The exterior and interior of the Twin HF and Artek HF doors feature a plastic "wood effect" film with lightly embossed finish. Available in two shades: Light walnut oak stain (structure with Ral 8003 finish), dark walnut oak stain (structure with Ral 8011 finish).





Fusion HF Up-And-Over Doors: strength, safety, design and functionality



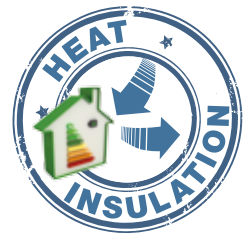
External side "plaster embossed" finish.

Fusion HF up-and-over doors are based on an innovative design that combines the utmost expression of Ballan technologies.

- Resistant and safe: the frame is in heavy gauge steel sheet, the insulated panels are indeformable and the locks are equipped with the "Defender" system for protection against intrusion.
- Insulation of the garage thanks to constantly perfect closure (self-lubricated seals and self-centring system).
- Compact, flush and stylish, available in various models to meet the needs of all architectural styles.
- Ultra-silent.

Insulated panel: the jewel of Ballan technology

The thickness of the insulated panel is 40 mm, produced in galvanised steel sheet, with a pre-painted and embossed finish. Made with two or thermoplastic profiles; a lower one and an upper one, joined by two walls, internal and external, in steel sheet and closed laterally by two heavy gauge steel covers. A flame-retardant polyurethane foam core is inserted between the two walls to insulate the panel, making it thermally insulated and sound-proof. The foam, injected via the relative hole, is totally HCFC free, testimony to company observance of their policy for respect of the environment.



The Ballan Fusion HF up-and-over door with standard configuration and dimensions, ensures a thermal transmittance of less than 1.6 W/m²K.

With **HF** at the top of safety

On Fusion up-and-over doors, safety is standard. Models bearing the HF mark, as well as incorporating the anti-fall device which engages in the event of rope breakage, envisage safety clearances of 25 mm, perimeter rubber seals between the fixed frame and mobile leaf, reinforced lever arms and self-centring brackets that guarantee correct closure of the mobile leaf.



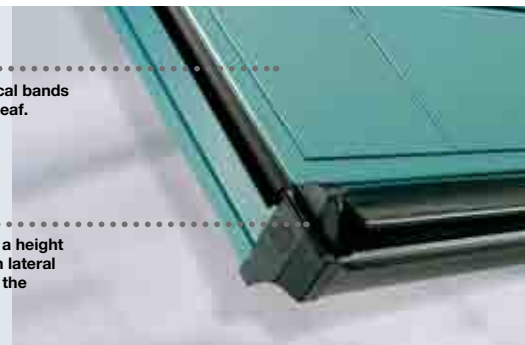
The guarantee of the CE mark



Complete protection against the risk of accidents is guaranteed by Ballan. In fact all garage door products bear the CE mark. Each product is supplied with the CE Declaration of Conformity, issued by Ballan and validated by the Notified Body, which certifies compliance with all mechanical requirements, additional compulsory performance factors, and for power-operated doors, provisions for power-operated operation as established by the Product Standard EN 13241-1.

The new Fusion HF models feature two vertical bands 210 mm wide along the edges of the mobile leaf.

The special lower skirting in black ABS, with a height of 50 mm, and internal aluminium profile with lateral caps, guarantees improved closure between the mobile leaf and floor.



Plates and handles in aluminium with satin brass or satin chrome finish. Supplied as standard with Defender lock system, which protects the cylinder from attempts at tampering or break-in (anti-tear and anti-drilling).





External view of Rock HF up-and-over door, with panels enhanced by geometric profiles. The internal and external Ral 9016 finish is supplied as standard. Handle art. 96 is optional.



PLAIN HF



External view of Plain HF up-and-over door, with flat panel (no ribbing). The internal and external Ral 6027 finish, lock and handle art. 96 are optional.

LAND HF



External view of Land HF up-and-over door featuring horizontally ribbed panels. The internal and external Ral 1001 finish, lock and handle art. 96 are optional.

ROCK HF



External view of Rock HF up-and-over door, with panels enhanced with geometric profiles on the exterior. The lock and handle art. 96, are optional.

FUSION HF at the pinnacle of comfort.



Available in manual and power-operated versions, the new Fusion HF models of counterweight up-and-over doors are constructed with the Sikura HF structure with side jambs of 12 cm in heavy gauge steel and insulated panels. HF safety offers a safety clearance of 25 mm between the fixed frame and mobile leaf, perimeter seals, reinforced lever arms and self-centring brackets.

Fitted with anti-fall device, CE dataplate and declaration for manual or power-operated use.

All Fusion HF models are available with the City slide-away mobile leaf.

Operator: ERG-1, ERG-2, ERG-2 City.

Measurements (unit of measurement 10 mm):

width from 2000 to 6500 mm

height from 2000 to 3000 mm



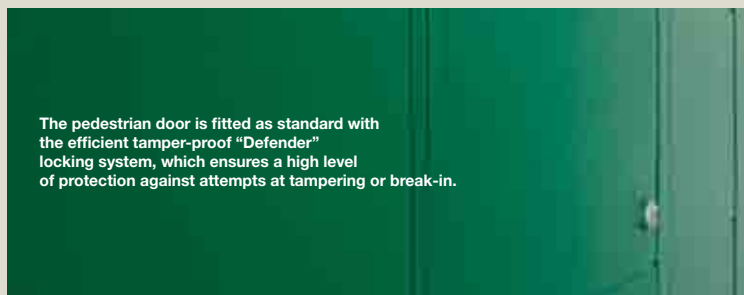
Internal view, applicable to all Fusion models with ERG-2 operator, pair of internal pre-wired internal photocells and pre-wired electrical system (optional). The counterweight sleeves are in pre-painted steel sheet with a similar to Ral 9016 finish.



Doors within doors: perfectly flush.

On the new models of Fusion HF, the pedestrian door is perfectly flush with the mobile leaf. Inserted in the panelling, the pedestrian door is constructed in painted aluminium, complete with new seals and concealed hinges. It is fitted with the efficient tamper-proof "Defender" locking system as standard. It is supplied as standard without the external handle (only with locking cylinder).

The pedestrian door is available on all Fusion HF models and the position (central or lateral) depends on the size of the up-and-over door. An electromagnetic safety sensor is fitted on the power-operated version.



The pedestrian door is fitted as standard with the efficient tamper-proof "Defender" locking system, which ensures a high level of protection against attempts at tampering or break-in.

TWIN HF



External view of Twin HF up-and-over door, featuring horizontally ribbed panels, with external and internal light walnut oak wood effect film and frame finished as standard in Ral 8003. The lock and handle art. 92, are optional.

ARTEK HF



External view of Artek HF up-and-over door, featuring geometric patterns on panels. Finished externally and internally with light walnut oak wood effect film (also available with dark walnut oak finish) and frame finished as standard in Ral 8003. The lock and handle art. 92, are optional.



Internal view of Fusion HF City with slide-away mobile leaf, ERG-2 CITY operator and pair of internal pre-fitted and prewired photocells (optional).



TIMBER UP-AND-OVER DOORS



The noblest of woods: a variety of woods, colours and varnishes offered by Ballan

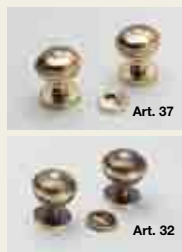
The wood panels used to clad the Timber up-and-over doors are in Okoumè ply or Okoumè ply with exterior veneer in prestigious wood: Hemlock, Iroko, Mahogany, Oak, Douglas, or Yellow Pine. Alternatively they are available in laminated Fir or Larch, with knots, and with an optional brushed finish. To safeguard the wood cladding, a protective treatment is applied, complete with primer and transparent varnish, in six different shades: neutral, light walnut, dark walnut, green, medium green, and dark green.



Timber is also splendid when painted, exclusively for Okoumè and Hemlock, in the four standard colours (Ral 3009, 6005, 6007 and 6009) or on request in any of the colours included in the Ballan RAL colour chart: a choice of over 200 colours!



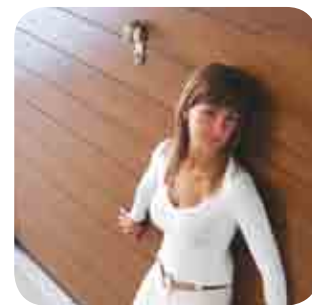
For Timber doors, Ballan offers a series of handles and locks in aluminium available with polished brass finish, satin or bronze finish or with satin-finished chrome. Art. 92 and 96 are fitted with the Defender anti-drill security lock.





Timber HF up-and-over doors: eye-catching technology.

Authentic wood gives added value to garage doors. Steel gives them resistance and reliability. That's the secret of the Timber range: a variety of models, all featuring an internal steel structure and external prestigious ply wood cladding. The ideal solution to combine elegance, strength and safety. Thanks to the CE mark.



Ply wood: the quality of cladding

The wood panels cladding the Timber up-and-over doors are produced in layers, hence the term ply, by overlapping several wooden sheets, with the veins laid alternately. This results in increased resistance to tension and deformation. The last outer layer, is made of one of the special woods offered by Ballan.

With at the top of safety

Models bearing the HF mark are aimed at those seeking the maximum safety of doors, which as well as incorporating the anti-fall device that engages in the event of rope breakage, envisages safety clearances of 25 mm, perimeter rubber seals between the fixed frame and mobile leaf, reinforced lever arms and self-centring brackets to guarantee correct closure of the mobile leaf.

ballan
GARAGE DOORS



The guarantee of the CE mark

Complete protection against the risk of accidents is guaranteed by Ballan. In fact all garage door products bear the CE mark. Each product is supplied with the CE Declaration of Conformity, issued by Ballan and validated by the Notified Body, which certifies compliance with all mechanical requirements, additional compulsory performance factors, and for power-operated doors, provisions for power-operated operation as established by the Product Standard EN 13241-1.

And the "sensitive" motor

Ballan operators used on up-and-over doors are equipped with 24V irreversible motors fitted with a force limiter device that interrupts and inverts movement in the presence of an obstacle. The maximum force admitted by the Product Standard is 400 N. The action of the Ballan force limiter is below this parameter.



Safety clearances of 25 mm between moving parts and the rubber seals protect fingers from the risk of entrapment or crushing.

SLIDE SPAZIO



External view of Slide with Spazio HF structure and pedestrian door, external cladding in Okoumé ply, vertical slats with a pitch of 85 mm. The pedestrian door and complete treatment in colour 2 are optional.



External view of Slide with Spazio HF structure, external cladding in Okoumé ply, vertical slats with a pitch of 85 mm.



External view of Slide with Spazio structure and pedestrian door. The pedestrian door and complete treatment in colour 2 are optional.



Internal view of Slide with Spazio HF structure and pedestrian door, 90° opening, in tubular perimeter profile in galvanised steel sheet, pressed and painted, and horizontal stiffeners.



The pedestrian door is fitted with aluminium hinges and is complete with handle and plate in black ABS.



SLIDE SPAZIO HF

Available in manual and power-operated versions, Slide with Spazio HF structure is the counterweight up-and-over door with side jambs of just 80 mm.

The mobile leaf is clad externally in Okoumé ply (thickness of 15 mm), with pantographed vertical slats (pitch 85 or 170 mm).

HF safety offers a safety clearance of 25 mm between the fixed frame and mobile leaf, perimeter seals, reinforced lever arms and self-centring brackets. Fitted with anti-fall device, CE dataplate and declaration for manual or power-operated use.



Operator: ERG-1, ERG-2.

Measurements (unit of measurement 10 mm):

width from 2000 to 3300 mm

height from 2000 to 2650 mm



Internal view of Slide with Spazio HF structure and ERG-2 operator, pair of internal pre-fitted internal photocells and pre-wired electrical system (optional).



External view of Slide with Spazio HF structure, external cladding in Okoumé ply, vertical slats with a pitch of 170 mm. Handle art. 94 is optional.



RESERVE SIKURA HF



External view of Reserve HF with cladding in Okoumé ply and external cladding in Oak with vertical slats, pitch 170 mm. The external cladding in Oak, complete protective treatment in colour 2, the ERG-2 operator and handle art. 94 are optional.



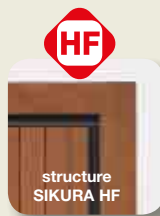
External view of Reserve HF with cladding in Okoumé ply and external cladding in Oak with vertical slats, pitch 85 mm. The external cladding in Oak, complete protective treatment in colour 1, and handle art. 94 are optional.



External view of Reserve HF with pedestrian door incorporated in the mobile leaf. 90° opening Pedestrian door in tubular perimeter profile in steel sheet, galvanised and painted, and horizontal stiffeners. Equipped with steel hinges, totally concealed, and 3-point locking with double map key to guarantee improved safety against intrusion.



RESERVE SIKURA HF safer, more stylish.



The manual or electric version of Reserve HF with Sikura HF structure is the counterweight up-and-oper door with side jambs of 120 mm and external wooden cladding. The mobile leaf is clad externally in Okoumé ply (thickness of 15 mm), with pantographed vertical slats (pitch 85 or 170 mm). An alternative option is offered in Fir ply or Okoumé ply with external cladding in Hemlock, Yellow Pine, Iroko, Mahogany, Oak (thickness 15 mm).

HF safety offers a safety clearance of 25 mm between the fixed frame and mobile leaf, perimeter seals, reinforced lever arms and self-centring brackets.

Fitted with anti-fall device, CE dataplate and declaration for manual or power-operated use.

Reserve HF is also available with City slide-away leaf.

Operator: ERG-1, ERG-2, ERG-2 City.

Measurements (unit of measurement 10 mm):

width from 2000 to 6500 mm

height from 2000 to 3000 mm



Internal view of Reserve HF and ERG-2 operator, pair of internal pre-fitted internal photocells and pre-wired electrical system (optional). The counterweight sleeves are in pre-painted steel sheet with a white similar to Ral 9016 finish.



External view of Reserve HF with cladding in Okoumé ply and external cladding in Oak with horizontal slats, pitch 170 mm. The external cladding in Oak, complete protective treatment in colour 2, and handle art. 92 are optional.



Internal view of Reserve HF City, with slide-away mobile leaf, with the addition of two vertical profiles for external cladding using horizontal slats. The counterweight sleeves are in pre-painted steel sheet with a white similar to Ral 9016 finish.



External view of up-and-over door Graphic HF, mod. 109 with paint finish in Ral 9001.



External view of up-and-over door Graphic HF, mod. 109, with paint finish Ral 9001.



External view of up-and-over door Graphic HF, mod. 111, with pedestrian door perfectly integrated in the centre of the mobile leaf (feasibility to be checked on the basis of drawings).



External view of up-and-over door Graphic HF, without operator.

GRAPHIC HF a highly personal choice.



Available for manual or power operation, Graphic HF is the counterweight up-and-over door with side jambs of 120 mm.

This model envisages the application of graphic patterns, with geometric or curved designs, pantographed on the Okoumé ply cladding with a thickness of 15 mm. The cladding is made up of panels with specially positioned layers to ensure that veins are uniform between the lowest layer of the groove and the external layer.

HF safety offers a safety clearance of 25 mm between the fixed frame and mobile leaf, perimeter seals, reinforced lever arms and self-centring brackets.

Fitted with anti-fall device, CE dataplate and declaration for manual or power-operated use.

Graphic HF is also available with City slide-away leaf.

Operator: ERG-1, ERG-2, ERG-2 City.

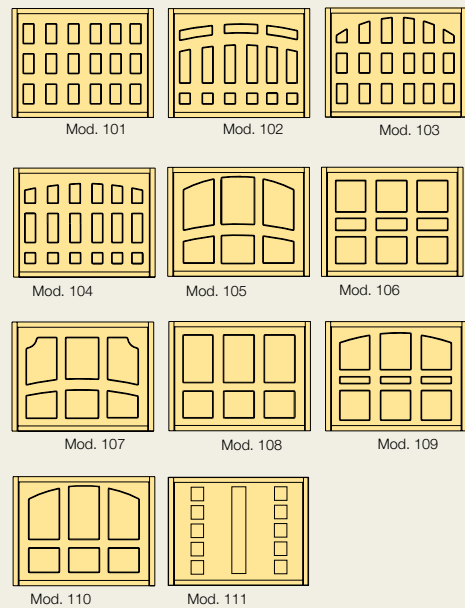
Measurements (unit of measurement 10 mm):

width from 2000 to 6500 mm

height from 2000 to 3000 mm



Internal view of Graphic HF and ERG-2 operator, pair of internal pre-wired internal photocells and pre-wired electrical system (optional).



As well as the graphic motifs offered by Ballan, illustrated here, any designs supplied by the customer can be produced as required.





LINEALEGNO HF UP-AND-OVER DOORS

Outstanding quality

The wood panels used to clad the Linealegno HF up-and-over doors are in Okoumè ply or Okoumè ply with exterior clad in top quality wood: Hemlock, Iroko, Mahogany, Oak, Douglas, or Yellow Pine. They are also available in laminated Fir or Larch, with knots, and with an optional brushed finish to reproduce the authentic surface wear of antique wood. A splendid variety of solutions, with added Ballan guarantee of durability thanks to the special protective treatment, with a range of six different tones in the rigorously water-based varnishes/paints, now including transparent.

Linealegno HF is also an eye-catching door in the four standard colours (RAL 6005, 6007, 6009 and 3009) or on request in any colour available in the Ballan RAL colour chart.

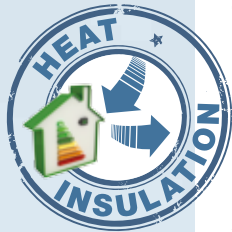


Patented and intruder-resistant, the new Ballan handle in die cast aluminium is an exclusive Ballan design. The polyester powder paint finish ensures maximum resistance to attack of external agents on the satin-finished chrome (metal grey colour). The central grip, available in two versions, has a provision for the insertion of two leds that illuminate when the door is moving and when the door is open. The lock integrates the anti-drill and anti-intruder Defender system with security cylinder.



Handles and locks in aluminium are alternatively available with polished brass finish, satin or bronze finish or with satin-finished chrome.





Linealegno: Ballan's designs for the future of garage doors

Linealegno HF is the Ballan up-and-over door designed to meet the requirements of the highest standards in terms of thermal transmittance for energy upgrading of buildings, certified by tests performed by a notified body.

A significant achievement thanks to the reduction in thermal bridges, insulation of the mobile leaf, protection ensured by the perimeter seals and the lower floor skirting in thermoplastic.

Unrivalled quality in heat efficiency

Linealegno HF is not only the perfect barrier against variations in external temperatures, air and water. It is also the most durable, stylish and silent garage door available.

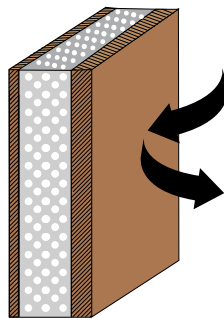
The structure of the mobile leaf and the external frame, both in steel and entire clad in wood, guarantees sturdiness, strength and "creak-free".

Cladding is in ply wood, more resistant to stress and deformation, with healthy wood ensured by micro-ventilation, by virtue of a small air jacket.



With **HF** at the top of safety

On Linealegno up-and-over doors, safety is standard. Models bearing the HF mark, as well as incorporating the anti-fall device that engages in the event of rope breakage, envisage safety clearances of 25 mm, perimeter rubber seals between the fixed frame and mobile leaf, reinforced lever arms and self-centring brackets that guarantee correct closure of the mobile leaf.

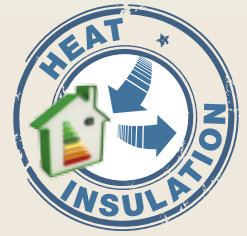


The Ballan Linealegno HF up-and-over door with standard configuration and dimensions, ensures a thermal transmittance of less than 1.4 W/m²K.



Pedestrian door incorporated in the mobile leaf, completely clad in wood to conceal the metal parts also when open, this door can be positioned centrally (with handle to left or right, viewed from outside). The threshold remains below just 100 mm. From all points of view, a real strength of Linealegno HF garage doors. In fact the security cylinder with Defender system and 6-point locking system guarantee optimal protection against attempts at tampering or intrusion.





CLASSIQUE HF



Classique HF model with vertical or horizontal slats, pitch 192 mm. External cladding thickness 15 mm, available in Okoumè ply, or Okoumè ply with external veneer in Oak or Douglas Pine. Alternatively they are available in Fir or Larch, both laminated and with exposed knots, also with a brushed finish. Total thickness of mobile leaf: 105 mm.

CLASSIQUE HF



Classique HF model with vertical slats, pitch 192 mm. External cladding thickness 15 mm, available in Okoumè ply, or Okoumè ply with external veneer in Oak or Douglas Pine. Alternatively they are available in Fir or Larch, both laminated and with exposed knots, also with a brushed finish. Total thickness of mobile leaf: 105 mm.

ELITE HF



Elite HF model with narrow vertical slats, pitch 94 mm. External cladding thickness 15 mm, available in Okoumè ply, or Okoumè ply with external veneer in Oak or Douglas Pine. Alternatively they are available in Fir or Larch, both laminated and with exposed knots, also with a brushed finish. Total thickness of mobile leaf: 105 mm.

MAXIME HF



Maxime HF model with herringbone slats, pitch 192 mm, 45° angle pointing downwards. External cladding thickness 15 mm, available in Okoumè ply, or Okoumè ply with external veneer in Oak or Douglas Pine. Alternatively they are available in Fir or Larch, both laminated and with exposed knots, also with a brushed finish. Total thickness of mobile leaf: 105 mm.

LINEALEGNO HF a design open to all needs.



Available in manual or electric versions, the Linealegno HF counterweight up-and-over doors have side jambs of 120 mm in galvanised steel finished in black RAL 9005 and clad in wood or the same colour as the varnish.

The external cladding is available in Okoumè ply or Okoumè ply and veneer in Hemlock, Iroko, Mahogany, Oak, Douglas Pine, or Yellow Pine. Alternatively they are available in Fir or Larch, both laminated and with exposed knots, also with a brushed finish. The mobile leaf is packed in bubble wrap as standard.

HF safety offers a safety clearance of 25 mm between the fixed frame and mobile leaf, perimeter seals, reinforced lever arms and self-centring brackets. Fitted with anti-fall device, CE dataplate and declaration for manual or power-operated use.

All Linealegno HF models are available with the City slide-away mobile leaf.

Operator: ERG-1, ERG-2, ERG-2 City.

**Measurements (per 10 mm):
width from 2000 to 5500 mm
height from 2000 to 3000 mm**



Internal view of Linealegno HF models with ERG-2 operator, pair of internal pre-wired internal photocells and pre-wired electrical system (optional).



SPECIAL HF



Special HF model with herringbone slats, pitch 192 mm, 45° angle pointing upwards. External cladding thickness 15 mm, available in Okoumè ply, or Okoumè ply with external veneer in Oak or Douglas Pine. Alternatively they are available in Fir or Larch, both laminated and with exposed knots, also with a brushed finish. Total thickness of mobile leaf: 105 mm.

EXTRA HF



Extra HF model with horizontal slats, pitch 200 mm, profiled at top. External 20 mm cladding, available in Okoumè ply. Total thickness of mobile leaf: 110 mm.

EXTRA CHIC HF



Extra Chic HF model with horizontal slats, pitch 200 mm, profiled at top and separated by milled vertical groove. External 20 mm cladding, available in Okoumè ply. Total thickness of mobile leaf: 110 mm.



Ballan safety? Strictly in compliance with standards!



CE declaration of conformity attesting to compliance with all European Standards and Directives.



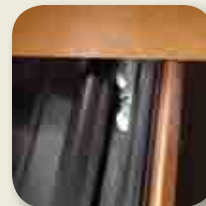
Installation, Operation and Maintenance manual: the easy user's guide complete with all information.



CE product identification dataplate stating all the data required by statutory regulations.



Safety clearances of 25 mm between fixed and mobile sections (to prevent crushing of fingers). The lateral rubber seals afford further protection.



Anti-fall protection device incorporated in the tracks: engages in the event of cable breakage to prevent the mobile leaf from dropping.



Lower skirting in ABS, black (50 mm) with lateral caps and internal aluminium profile. Also guarantees perfect closure between the mobile leaf and the floor (optional).

CE marking

Ballan power-operated up-and-over doors bear the CE mark and are accompanied by the CE declaration of conformity for automated use. All electrical and electronic components bear the CE mark in conformity with the European electromagnetic compatibility directive.



The ERG operators applied to Ballan up-and-over doors are electronic masterpieces offering the highest levels of safety and efficiency.



The lever arm and curved motor arm with sliding block (Ballan patent) ensure maintenance of the safety clearances and avoid the risk of finger crushing.

Only the safest technology

Remote opening of your garage door is ultra-convenient. Thanks to Ballan, this simple action also corresponds to the safest choice because all operators are entirely designed in-house.

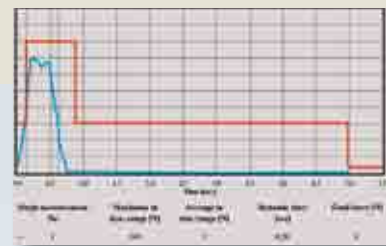
Safety of the "sensitive" motor

On all operators, the 24 V gearmotor, complete with on-board control unit (with "open-close" button) and force limiter device, interrupts and inverts movement on detection of an obstacle (maximum permissible force of 400N). The action of the force limiter device is shown by the blue line in the graph, well below the legally required value (red line).

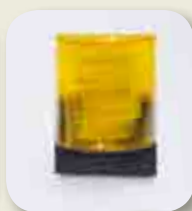


Operator accessories: ERG-1, ERG-2, ERG City

1. Pair of photocells
2. External receiver
3. 2-channel transmitter
4. 24V flashing light
5. External terminal board for accessory wiring



Self-centring closure mechanisms to guarantee centring of the mobile leaf and ensure that safety clearances are maintained.



External 24V movement warning flashing light (optional).



Pair of presence detectors, applied on counterweight sleeves. Instantly block operation of door on transit of persons or objects (optional).



**ERG-1, ERG-2:
the practical
and safe operator.**



Internal view of Plana Spazio HF with ERG-1 operator, envisaging a central motor applied on the central rail (on mobile leaf) with motor base and transmission tubes.

Internal view of Plana with Sikura HF structure and ERG-2 CITY operator and pair of internal prefitted and prewired photocells (optional).



The ERG-1 and ERG-2 operators incorporate the motor and control panel in a single unit accommodated in a black plastic housing and mounted on the mobile leaf, with electrical wiring routed through a conduit.

The motor arms with sliding block (Ballan patent), comply with the required safety clearances.

Strengths of the ERG operator:

- the single support and drive arm on the mobile section, is specially shaped to observe safety clearances and avoid finger pinching and shearing hazards;
- variable force during opening and closing movements.



**ERG-2 CITY:
the operator
for slide-away
garage doors.**

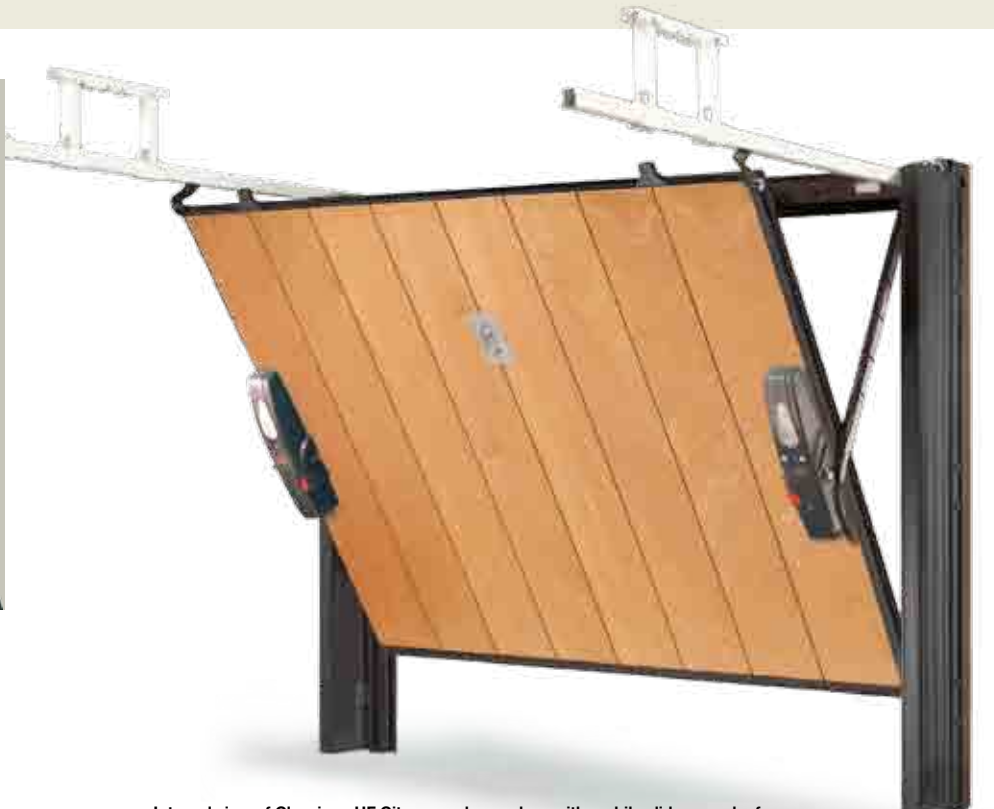


The ERG-2 CITY operator, which is designed for slide-away leaf models (City), features two lateral motors mounted on two rails (fitted at each side of the mobile leaf) with motor base and telescopic arms.

Internal view of Fusion HF City with mobile slide-away leaf and ERG-2 CITY operator, pair of internal pre-fitted internal photocells and pre-wired electrical system (optional).



The Ballan patented single support and drive arm on the mobile section is specially shaped to observe safety clearances and avoid finger shearing hazards. The operator is equipped with two low voltage irreversible gearmotors. The courtesy light is incorporated in the protective housing.



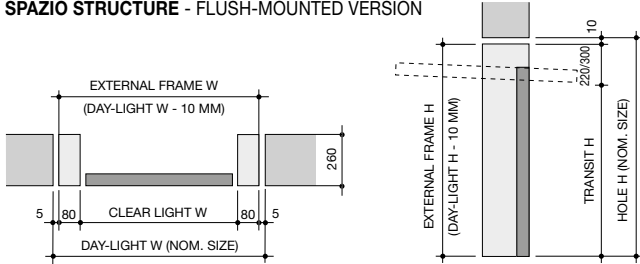
Internal view of Classique HF City up-and-over door with mobile slide-away leaf, ERG-2 CITY operator and pair of internal pre-fitted and prewired photocells (optional).

UP-AND-OVER DOOR TECHNICAL SPECIFICATIONS

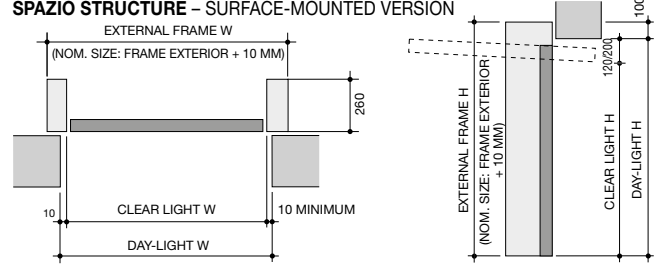
N.B. On all structures with HF provision, the useful transit width is reduced by an additional 60 mm.

FOR MOD.: ZINK GT - AGILE - SPRINT - PLANA

SPAZIO STRUCTURE - FLUSH-MOUNTED VERSION

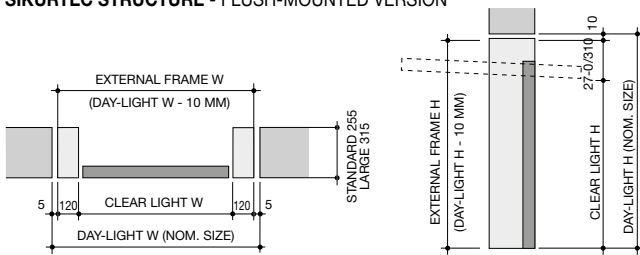


SPAZIO STRUCTURE - SURFACE-MOUNTED VERSION

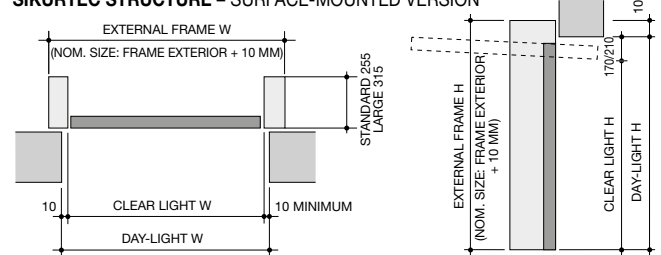


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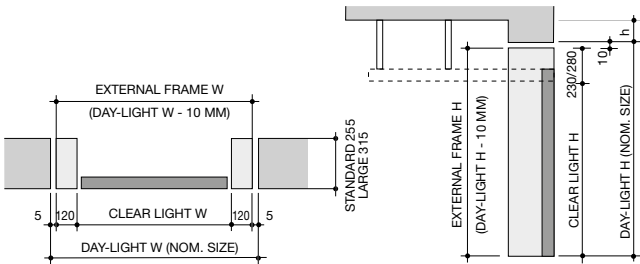
SIKURTEC STRUCTURE - FLUSH-MOUNTED VERSION



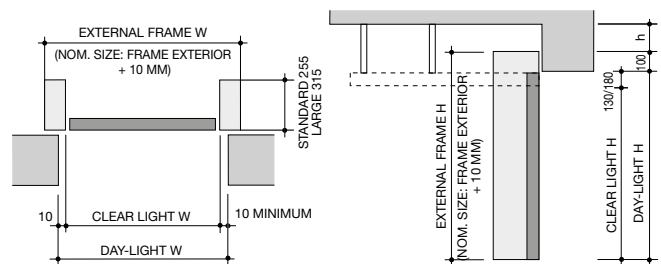
SIKURTEC STRUCTURE - SURFACE-MOUNTED VERSION



SIKURTEC CITY STRUCTURE - FLUSH-MOUNTED VERSION

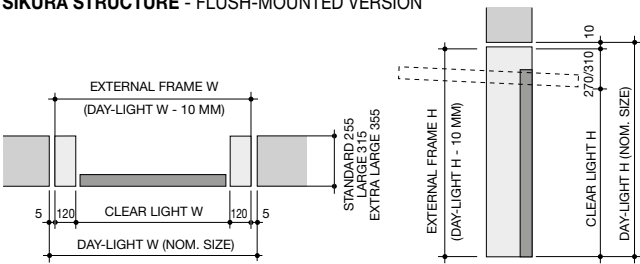


SIKURTEC CITY STRUCTURE - SURFACE-MOUNTED VERSION

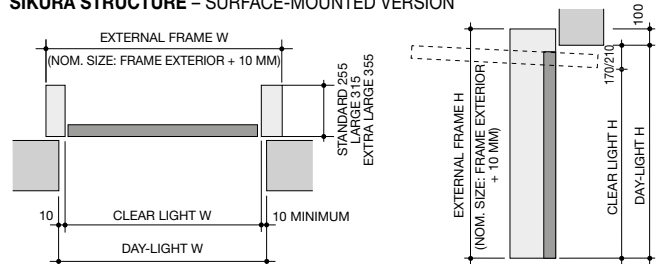


FOR MOD.: ZINK - AGILE - SPRINT - PLANA - FUSION (ALL MODELS)

SIKURA STRUCTURE - FLUSH-MOUNTED VERSION

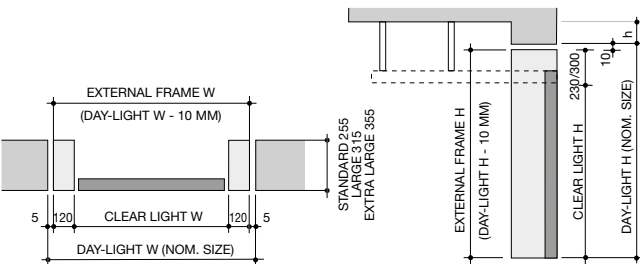


SIKURA STRUCTURE - SURFACE-MOUNTED VERSION

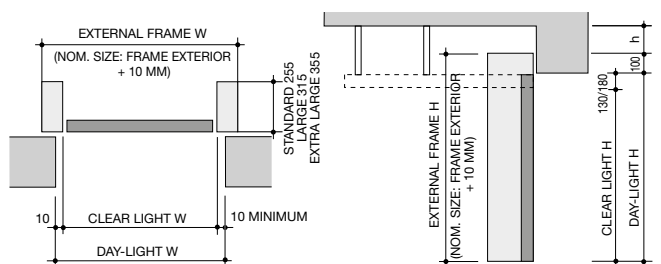


FOR MOD.: ZINK CITY - AGILE - SPRINT - PLANA - FUSION (ALL MODELS)

SIKURA CITY STRUCTURE - FLUSH-MOUNTED VERSION



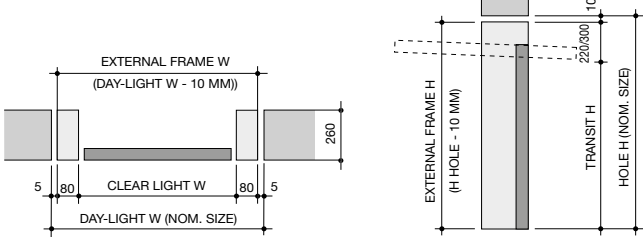
SIKURA CITY STRUCTURE - SURFACE-MOUNTED VERSION



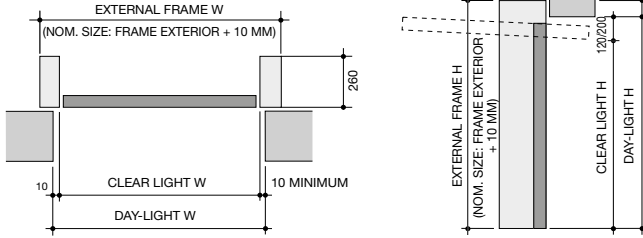
N.B. On all structures with HF provision, the useful transit width is reduced by an additional 60 mm.

FOR MOD.: SLIDE

SPAZIO STRUCTURE - FLUSH-MOUNTED VERSION



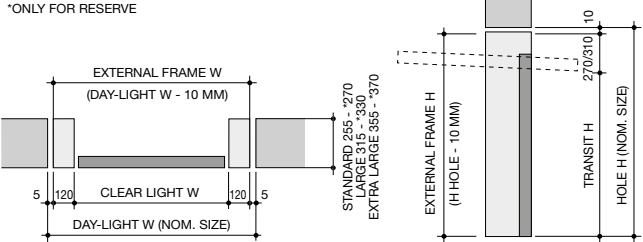
SPAZIO STRUCTURE - SURFACE-MOUNTED VERSION



FOR MOD.: RESERVE - GRAPHIC - LINEALEGNO (ALL MODELS)

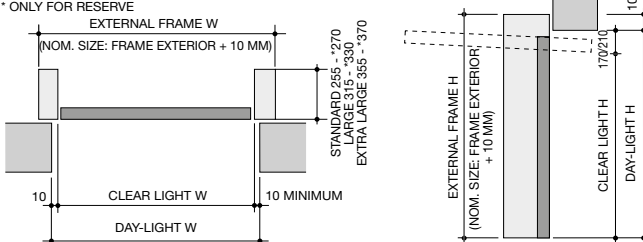
SIKURA STRUCTURE - FLUSH-MOUNTED VERSION

* ONLY FOR RESERVE



SIKURA STRUCTURE - SURFACE-MOUNTED VERSION

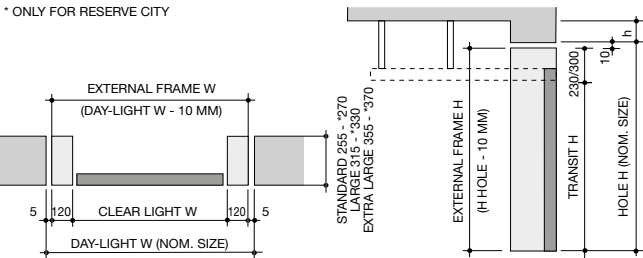
* ONLY FOR RESERVE



FOR MOD.: RESERVE - GRAPHIC - LINEALEGNO (ALL MODELS)

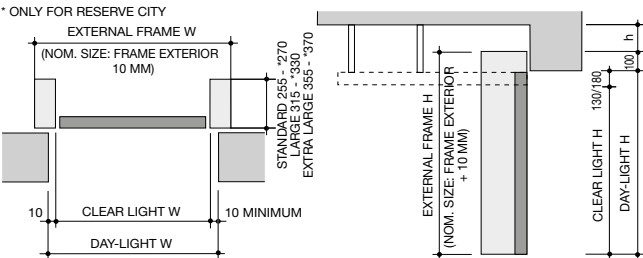
SIKURA CITY STRUCTURE - FLUSH-MOUNTED VERSION

* ONLY FOR RESERVE CITY



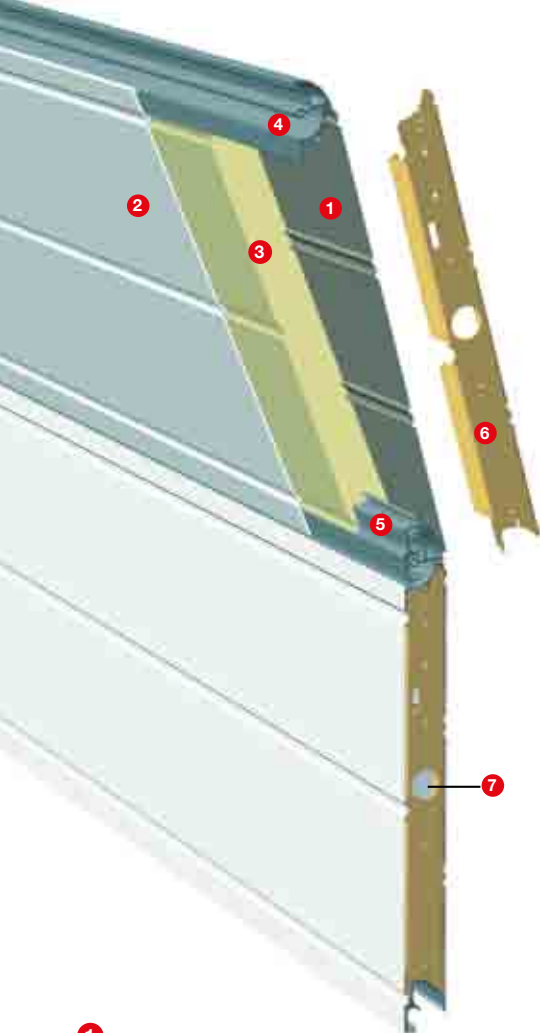
SIKURA CITY STRUCTURE - SURFACE-MOUNTED VERSION

* ONLY FOR RESERVE CITY





**Ballan sectional doors:
only the pleasure of complete safety**



Intelligent technology improves life and respects the environment.

Thanks to the thickness of 40 mm and height of 400 mm, Ballan panels, with aluminium joints, are practically indeformable. Insulation and sound-proofing are also enhanced thanks to the flame-retardant polyurethane foam core (HCFC free) inside the panel.

Large assortment

Panels in steel or with quality wood cladding. A vast assortment of colours available and a wide range of style solutions for external coverings, also with personalised geometric patterns. Ballan: 100% guarantee of finding the perfect sectional door to meet all your needs.

Compact size

Vertical movement, sliding parallel to the ceiling. No protrusion outside or inside, making for free space inside and out. This why Ballan sectional doors have gained acclaim from all those looking to use "every last centimetre" of the garage, and those living in an urban context, where doors often open onto pedestrian ways or directly onto roads.



- 1 External side in steel sheet.
- 2 Internal side in steel sheet.
- 3 High density polyurethane foam (56 Kg/m3).
- 4 Upper profile in aluminium.
- 5 Lower profile in aluminium.
- 6 Lateral cover in heavy gauge steel.
- 7 Hole for injection of polyurethane foam, generously sized to enable optimal distribution of foam, sealed off by high efficiency cap.

ballan
GARAGE DOORS

The differences can be seen and appreciated immediately.

Unlike other sectional doors, New Age XT is perfectly uniform. All mechanical parts can be integrated in the structure and contribute to improved door safety and reliability. The most salient feature is the panel, which - with the aluminium joint positioned every 400 mm - makes New Age sturdier and more resistant than ever.

- 1. The panels are joined by means of the patented aluminium joint, with anti-pinch protection, eliminating the need for unsightly hinges.
- 2. The height of the panel has been reduced with respect to sector standards (400 mm compared to standard 500/600 mm). This dimension, together with the aluminium profiles, ensures that the panel is stronger, virtually impossible to deform, while guaranteeing perfect mechanical performance.
- 3. The lateral guides are protected by modular covers which follow the movement of the door (optional).
- 4. The shaft with springs, controlling door operation, is protected by a specially shaped cover, serving both for accident prevention and improved appearance.
- 5. The guides and supports are finished with white epoxy powder paint with mock Ral 9016 finish for enhanced appearance.
- 6. The upper steel profile is in the same colour as the panelling and conceals the rubber seal.
- 7. The multi-purpose handle elegantly serves the functions of closing and manual lifting (optional).



A. Internal view of a sectional door available commercially.



B. Internal view of New Age XT sectional door, power-operated version.

Differences between New Age XT and other sectional doors

H 500 mm

H 400 mm



NEW AGE XT SECTIONAL DOORS

These sectional doors are leading edge also in the range of optional accessories.

The multi-purpose brass handle is recessed in the panel (anti-pinch) and houses the lock, bolt and ample two-way grip. The lock protection is in heavy gauge brass to guarantee excellent resistance to break-ins. On the interior, the fixed key (anti-panic) enables rapid opening in the event of emergency escape.



Art. 62



Art. 64



Art. 68



Art. 70



interior.

New Age XT brings a world of colour to your garage

For the exterior only, the models Lake, Air, Stone, and Variant are available in the standard Ral colours (similar to Ral 6005 green, similar to Ral 6009 green, similar to Ral 8017 brown, similar to Ral 9006, similar to Ral 9016 white; and, only for the model River, similar to Ral 6009 green). Alternatively, on request, any other colour envisaged in the Ballan Ral range.

Internally, panels are always supplied with the finish in similar to Ral 9016 white.

The exterior of Horizon and Mixer doors are finished with a special plastic-coated "wood effect" film with lightly embossed surface. Available in two shades:

Light walnut stained oak (profiles with Ral 8003 finish),

Dark walnut stained oak (profiles with Ral 8011 finish).

Internally, panels are always supplied with the finish in similar to Ral 9016 white.

similar Ral
6005

similar Ral
6009

similar Ral
8017

similar Ral
9006

similar Ral
9016

light
walnut oak

dark
walnut oak





The differences that put New Age XT at the top.



On the exterior, the upper transom is self-supporting, and can replace the architrave if necessary, enabling both surface and flush mounting of the door with the utmost of ease. It is also flush with the lateral profiles, to achieve a perfect and stylish look.

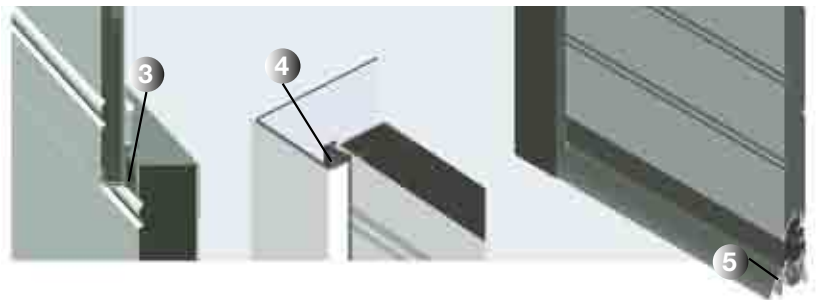
The external section of the lateral guides are also covered with profiles in embossed paint-finished steel sheet.

The external upper and lateral rubber seals are concealed inside the upper transom and profiles.

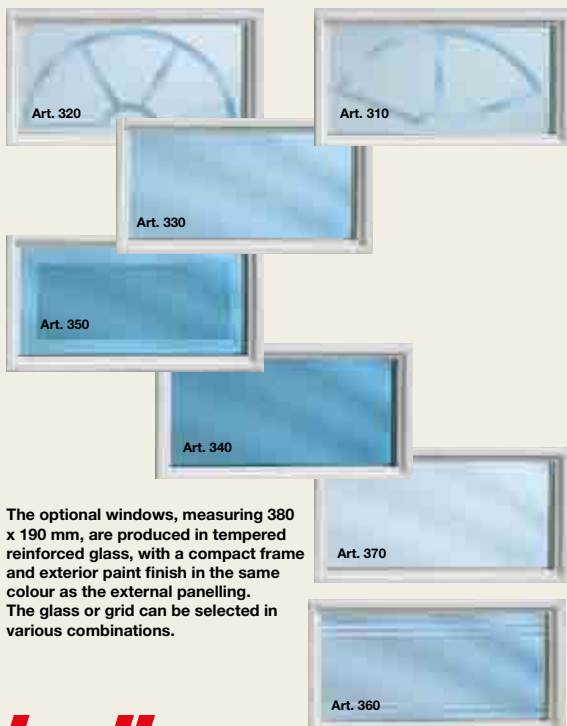
The internal shaft with springs is protected by a specially shaped shaft cover that forms a single body with the fixed structure.



Detail of the upper self-supporting transom of the New Age XT structure, flush with the door and concealed rubber seals inside the upper transom and jambs (flush-mounted).



- 1 The vertical guides are covered with profiles in embossed paint-finished steel sheet in the same colour as the panels. The profiles are also flush with the upper transom.
- 2 The upper transom (thickness 15 mm) is self-supporting and paint-finished in the same colour as the door, supplied as standard. Thanks to the transom, the door can be fitted in any position (surface or flush mounted) with the utmost of ease.
- 3 The upper seal is inserted in the transom and is therefore concealed from the outside.
- 4 The lateral seals are also concealed in the lateral guides.
- 5 The special lower seal is a "threshold cover", i.e. enables assembly of the door either surface or flush mounted, always concealing the "gap" between the entrance and garage interior.



The optional windows, measuring 380 x 190 mm, are produced in tempered reinforced glass, with a compact frame and exterior paint finish in the same colour as the external panelling. The glass or grid can be selected in various combinations.





LAKE XT



Lake XT model with flat and embossed panels (surface-mounted).
External colour Ral 1000 and handle art. 70 optional.

AIR XT



Air XT model with flat and embossed panels (surface-mounted), featuring horizontally ribbed panels.
External colour Ral 3022 and handle art. 68 optional.

STONE XT



Stone XT model with a series of rectangles obtained by double profiling of the steel sheet (surface-mounted).
External colour Ral 9016 as standard and handle art. 62, optional.



A vast range of models New Age XT.

Thanks to Ballan, sectional doors find their utmost expression from the result of special processing to achieve original patterns on the panels.

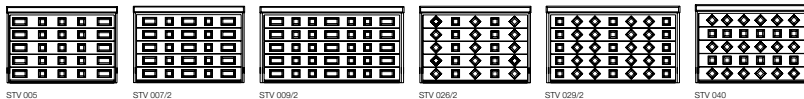
All doors are equipped with anti-fall devices for cables and springs, CE dataplate and declaration for manual or power-operated use.

Operator: Automatic S/550, Automatic S/800, Automatic B/500.

Measurements (construction at 10 mm):

width from 2000 to 6350 mm

height from 2000 to 3750 mm



Production of the various models shown greatly depends on the size of the door.

Variant XT model (surface-mounted) enables the user to choose the sequence of the various geometric profiles. The number and layout of geometrical profiles vary according to the size of the door - an extraordinary and virtually unlimited choice for personalising your door.

VARIANT XT



RIVER XT



River XT model featuring horizontally ribbed panels and transom (surface-mounted). External colour Ral 6021 and handle art. 68 optional.

HORIZON XT



Horizon XT model, featuring horizontally ribbed flat panels, with exterior in "wood effect" light walnut stained oak (flush-mounted). Handle art. 64 is optional.

MIXER XT



Mixer XT model, featuring geometric patterns on panels, with exterior in "wood effect" light walnut stained oak (surface-mounted). Handle art. 64 is optional.

The shaft with springs, controlling door operation, is protected by a specially shaped cover, serving both for accident prevention and improved appearance.



Internal view of New Age XT sectional door with central S/550 operator.



CE declaration of conformity attesting to compliance with all European Standards and Directives.



Installation, Operation and Maintenance manual: the easy user's guide complete with all information.



CE product rating plate stating manufacturer data, serial number and model.



Panel with anti-pinch joint in aluminium, insulated with flame-retardant, heat and sound proofing polyurethane foam (HCFC free).



Anti-fall device in the event of rope breakage, which stops door operation immediately (compulsory).

The guarantee of the CE mark

New Age XT sectional doors bear the CE mark (*). Each product is supplied with the CE Declaration of Conformity, issued by Ballan and validated by the Notified Body, which certifies compliance with all mechanical requirements, additional compulsory performance factors, and for power-operated doors, provisions for power-operated operation as established by the Product Standard EN 13241-1.

(*)

- machinery directive (MD) 89/392/EEC and subsequent amendments,
- low voltage directive (LV) 73/23/EEC and subsequent amendments,
- electromagnetic compatibility directive (LV) 89/336/EEC and subsequent amendments,
- Radio and Telecommunications terminal equipment directive (R&TTE) 99/5/EEC and subsequent amendments,
- construction products directive (CPD) 89/106/EEC and subsequent amendments,
- general product safety directive 2001/95/EC.



MONO SECTIONAL DOORS

Solutions for apartment block garages.



Mono sectional door with perforated galvanized steel sheet (holes Ø 6 mm).



Mono sectional door with panels in electro-forged galvanized grid (60x135 mm).



Detail of perforated galvanized sheet (6 mm dia. round perforations).



Detail of perforated galvanized sheet (8x8 mm square perforations).



Detail of electro-welded galvanized mesh of 40x40 mm (gauge Ø 3.5 mm).



Detail of 60x135 mm galvanized electroforged grid.

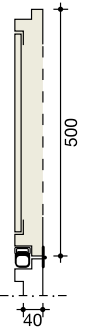


Mono sectional door: simple, reliable, strong.

Mono sectional doors are ideal in internal apartment block garages, where the need for increased air circulation takes precedence over complete closure. In galvanised steel Mono offers panels made up of a perimeter profile with a single sheet inserted, which can be shaped with vertical slats or replaced with an electro-forged mesh to improve ventilation of the garage.

The Mono sectional door slides on rollers housed inside galvanised steel guides. On request, the guides can be epoxy powder paint-finished in white similar to Ral 9016.

All doors are equipped with anti-fall devices for cables and springs, anti-pinch profiles, CE dataplate and declaration for manual or power-operated use.



Operator: Automatic S/550, Automatic S/800, Automatic B/500.

Measurements (construction at 10 mm):

width from 2000 to 4000 mm

height from 2000 to 3500 mm

The guarantee of the CE mark

The Mono sectional door is constructed in full compliance with all mechanical and performance-related additional compulsory requirements as stated by the Product Standard EN 13241-1.

On the manual version, this door envisages anti-fall devices for ropes and springs against accidental door closure, anti-pinch profiles between the panels with seals.

The power-operated version incorporates cable winder drum protections, sliding roller protection in PVC shells, and motors fitted with force limiter and presence detectors (photocells).

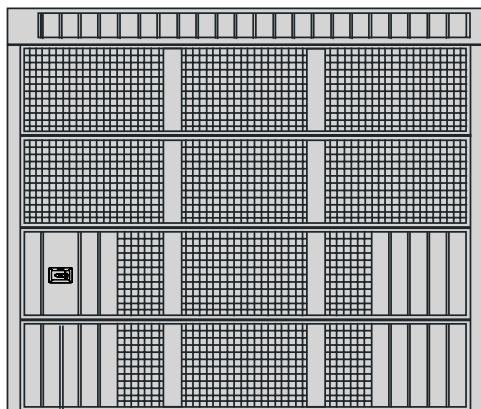
The door bears the CE mark and is supplied with the CE Declaration for manual and power-operated use.



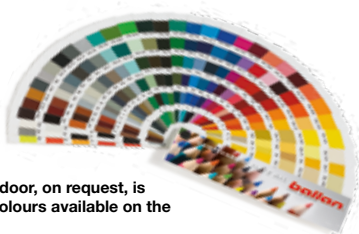
CE



Detail of upper transom of Mono sectional door (flush-mounted).



Example of Mono sectional door with galvanised 40x40 mm mesh in steel bar (Ø 3.5 mm).



The Mono sectional door, on request, is painted in the RAL colours available on the Ballan colour chart.



Safety first: the anti-fall devices block door closure in the event of rope or spring breakage.

Internal view of Mono sectional door with guides paint-finished in mock Ral 9016 and with S/550 operator.



EKO SECTIONAL DOORS



Natural light - the best solution for the garage.

Eko sectional doors can be equipped with transom windows to bring natural lighting to your garage. The plexiglass windows come with a black PVC frame, in the sizes 548x248 mm, 548x141, and 548x84 mm.

The round window frames in stainless steel are available in the diameters 240 mm or 330 mm, with transparent or satin-finished security glass.

The square windows in stainless steel are available in the sizes 310x310 mm or 260x260 mm, with transparent or satin-finished security glass.

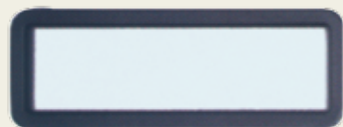
Secure grip handles



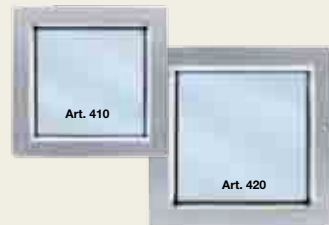
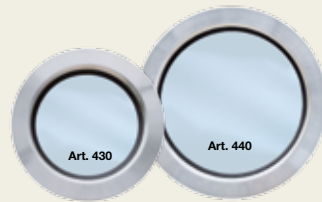
1. Plate and lock handle in black ABS for mobile leaf locking.
 Art. 94 - Plate and handle in aluminium, with satin-finished brass;
 Art. 98 - Plate and handle in aluminium, with satin-finished chrome;



Window in plexiglass 548x248 mm, 548x141 mm.



Window 548x84 mm.



Onda: the practical and convenient sectional door.



The panels are insulated with a polyurethane foam core, flame-retardant and HCFC free.

The salient feature of Onda sectional doors is their practicality: vertical movement, sliding parallel to the ceiling, without affecting internal or external space.

This feature is particularly useful when the garage opens onto a pedestrian way or directly onto a road, and obviously when the garage is "tailored" to the size of the car.

Meanwhile comfort is ensured by panels insulated with polyurethane foam, flame-retardant and totally HCFC free, to guarantee the entire garage heat insulation and sound proofing. A barrier to heat dispersion inside or out, and protection against any changes in temperatures throughout the year. With obvious benefits, and savings.

The panel that ensures resistance and safety.

The Onda sectional door panels have a thickness of 40 mm and a height of 500 mm: the dimensions are tested to guarantee panel indeformability and door resistance and strength. Produced with two steel sheets in galvanised steel, and an injected polyurethane foam core, flame-retardant and HCFC free.

Thanks to the "finger safety" profile and the anti-pinch hinges, these doors offer the best possible protection against accidents.

Safety that goes beyond the panel. Each Onda sectional door is fitted with a spring anti-fall device and is accompanied by a CE Declaration of Conformity, issued by Ballan and validated by a Notified Body, which certifies respect of all mechanical requirements, of additional compulsory performance specifications, and in the case of power-operated doors, of the requirements for automated operation as specified by the EN 13241-1 Product Standard.

ballan
GARAGE DOORS



The convenience of doors within doors.

The pedestrian door with lowered threshold: H 40 mm from the floor.

This door is built with grey anodised aluminium profiles, fitted with concealed hinges and handle with a satin chrome finish. Supplied with an overhead door closer, always positioned at the centre for right-hand or left-hand pull opening (viewed from exterior).



Detail of lower profile in anodized aluminium with lowered threshold (H 40 mm from floor).





ONDA

ONDA 250

Panel with attractive "embossed wood" finish.

Alternatively, for model Onda 250 only, special smooth surface finish on external side (white only).



External view of sectional door ONDA 250 (with central groove in panel) and shaft cover transom. Mock Ral 9010 finish and galvanised frame supplied as standard. Yale lock with plate and handle in black ABS optional.

ONDA 250

similar Ral 9016

Smooth external finish



External view of sectional door ONDA 250 with central groove in panel. Onda 250 is available with an external "embossed wood" finish and in the colours of the series similar to RAL 3000, 6005, 8014, 9006, 9010 or, optionally, the exterior only can be finished in any colour offered on the Ballan RAL colour chart. The external side can also be "smooth" finished, pre-painted exclusively in white, similar to Ral 9016. The internal side of the panels is always supplied with the white "embossed stucco" finish in mock Ral 9010 white.

similar Ral 3000

similar Ral 6005

similar Ral 8014

similar Ral 9006

similar Ral 9010

ONDA 500

similar Ral 7016

Smooth external finish



External view of sectional door ONDA 500 without central groove in panel. Onda 500 is only available with the external "embossed wood" finish and colours in the series similar to Ral 6005 and 9010 and the internal "embossed plaster" finish in white, similar to Ral 9010. As an optional, the exterior only can be finished in any colour offered on the Ballan RAL colour chart. The external side can also be "smooth" finished, pre-painted exclusively in white, similar to Ral 7016. The internal side of the panels is always supplied with the white "embossed stucco" finish in mock Ral 9010 white.

similar Ral 6005

similar Ral 9010

ONDA VIVA 500



External view of ONDAVIVA 500 sectional door. The panels are finished with the plastic "wood effect" film, with a light or dark walnut stain, and embossed wood finish. The internal side, with embossed plaster finish, is always in white similar to Ral 9010. The frame and guides are galvanised.

light walnut oak

dark walnut oak

ONDA and ONDA VIVA sectional doors.

Available in manual or power-operated versions, Onda and Onda Viva are the sectional doors produced with insulated panels (thickness 40 mm, height 500 mm) equipped with "finger safety" profile.

Complete with vertical and horizontal sliding guides in galvanised steel, spring shaft with torsion springs, internal hinges in galvanised steel, rollers sliding in guides, striker seals and packaging.

On flush-mounted versions, supplied as standard with shaft cover transom up to max. 230 mm, thickness 40 mm and aluminium border.


Fitted with anti-fall device, CE dataplate and declaration for manual or power-operated use.

Operator: Automatic A/310 and A/315.


Measurements (construction at 10 mm):

width from 2000 to 3300 mm


height from 2000 to 2650 mm




Onda: external side with embossed wood finish.



Onda: internal side with embossed plaster finish.



Onda Viva: external side with wood effect, embossed wood finish.



Onda: internal side in white, with embossed plaster finish.



ONDA VIVA

External view of ONDA VIVA 500 sectional door with "wood effect" film with light walnut stain and shaft cover transom. The light walnut stain effect and galvanised frame are standard. The lock with plate and handle in aluminium art. 94 with satin-finished brass are optional.



Internal view of ONDA / ONDA VIVA sectional door with frame and sliding guides, supports in galvanised steel and operator model Automatic A/310 (optional).

The interior of the door is always finished in white, similar to Ral 9010, with hinges and lateral panel profiles in steel with a white finish, similar to Ral 9010.



Accessories for Automatic operator with chain drive system A/310 and A/315.

1. Irreversible electromechanical gearmotor 24 V A/310 and A/315 with ceiling-mounted control panel and indoor remote control.
2. External manual release (in event of no access from outside).
3. Key-switch with tamper-proof enclosure.
4. OPEN-CLOSE pushbutton panel from outside.
5. 2-channel receiver and/or 2-channel module for 4-channel receiver.
6. External receiver.
7. Movement indicator flashing light.
8. Flashing light support.
9. 2-channel radio control antenna.
10. Encoded keypad.
11. 4-channel quartz transmitter.
12. Pair of additional wall-mounting photocells.



With the power operation option, Ballan sectional doors are at your command.

Various ceiling-mounted chain-driven operators are available for Ballan sectional doors. The operators comprise a 24 V DC irreversible mechanical gearmotor with control panel, built-in lighting and manual activation system in the event of a malfunction or power failure.

Ceiling-mounted operators, with traction system, become a closing lock thanks to the irreversible design.

Crushing safety is ensured thanks to increased motor sensitivity and the incorporated electronic control unit, which ensures a check of all safety devices on each movement, with a provision for interface in the event of maintenance or reprogramming requirements.



ballan
GARAGE DOORS

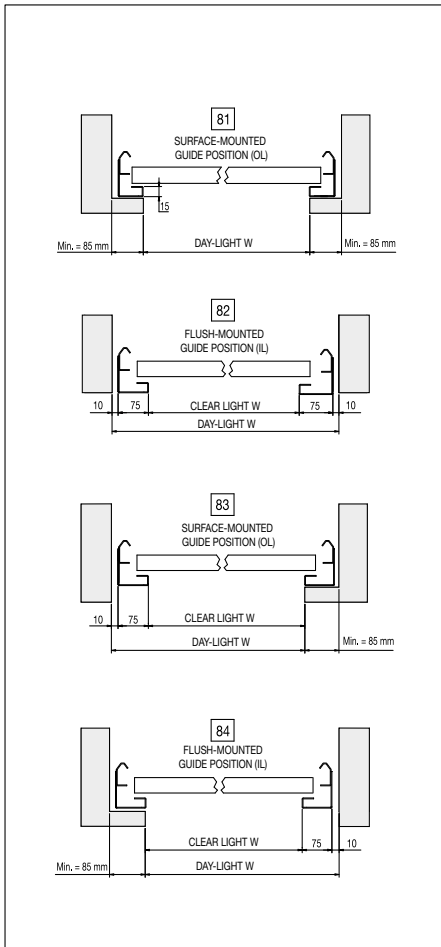
Accessories for Automatic operator with chain drive system S/550, S/800 and S/1100.

1. Irreversible electromechanical gearmotor 24 V S/550 (550 N) and S/800 (800 N) with side-mounted control panel.
2. Irreversible electromechanical gearmotor 24 V S/1100 (1100 N) with ceiling-mounted control panel.
3. External manual release (in event of no access from outside).
4. Key-switch with tamper-proof enclosure
5. OPEN-CLOSE pushbutton panel from outside.
6. 2-channel receiver and/or 2-channel module for 4-channel Receiver.
7. 4-channel quartz transmitter.
8. Movement indicator flashing light.
9. Flashing light support.
10. LED flashing light with built-in antenna.
11. LED flashing light support.
12. Pair of additional wall-mounting photocells.
13. 2-channel radio control antenna.
14. External 2-channel receiver.
15. Encoded keypad.



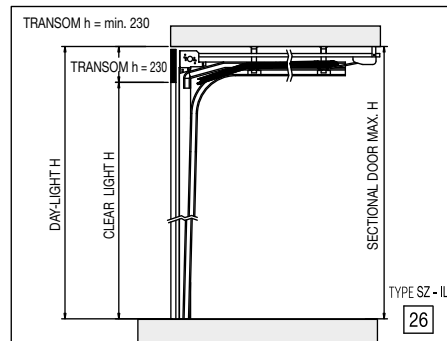
NEW AGE XT SECTIONAL DOOR TECHNICAL SPECIFICATIONS

HORIZONTAL SECTION

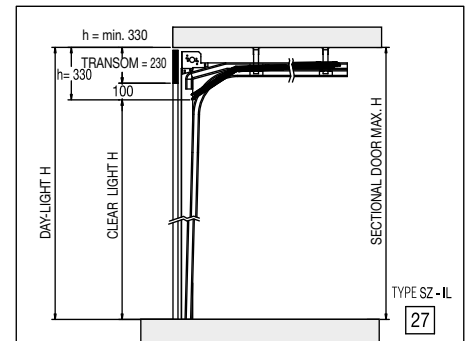


STANDARD SLIDING - VERTICAL SECTION

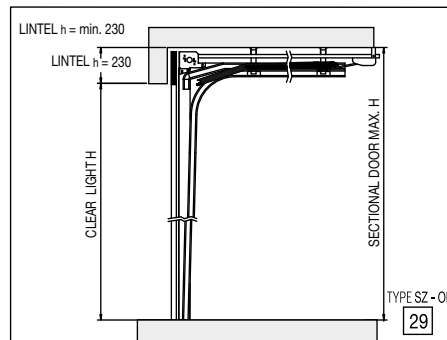
AUTOMATIC OPERATION



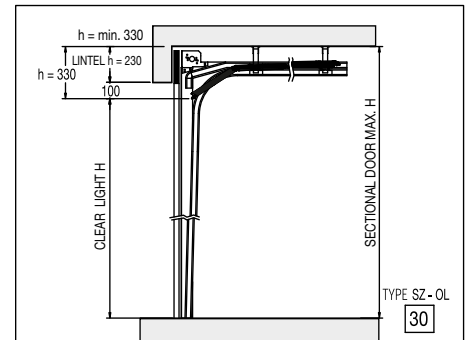
MANUAL OPERATION



AUTOMATIC OPERATION

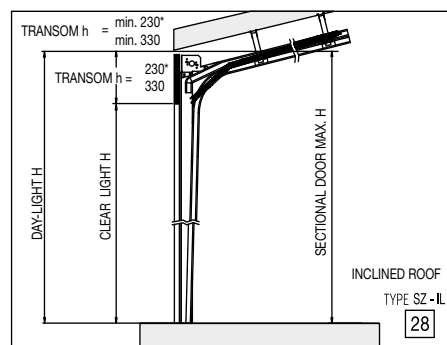


MANUAL OPERATION

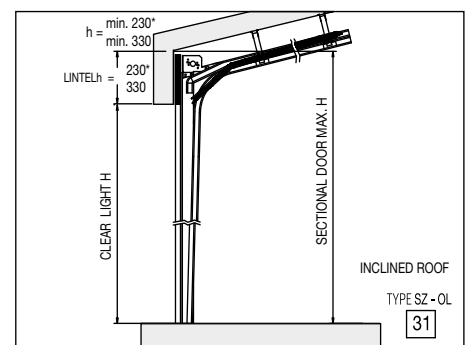


STANDARD SLIDING WITH HORIZONTAL GUIDES INCLINED AT * DEGREES - VERTICAL SECTION

MANUAL AND AUTOMATIC OPERATION



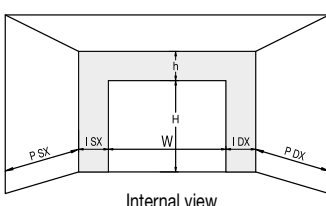
MANUAL AND AUTOMATIC OPERATION



N.B. : Maximum feasible angle 24° equal to a gradient of 45%.

* Up to max. angle 13° min. transom dimensions 230 mm
From angle of 13° min. transom dimensions 330 mm

MEASUREMENTS TO BE TAKEN

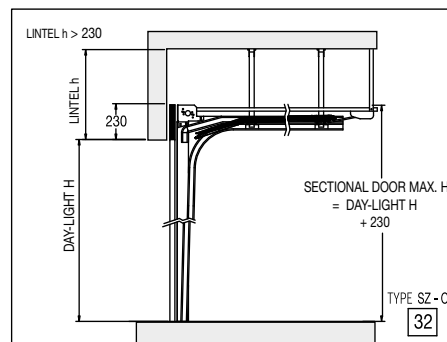


Key:
I = shoulder
P = depth
h = lintel

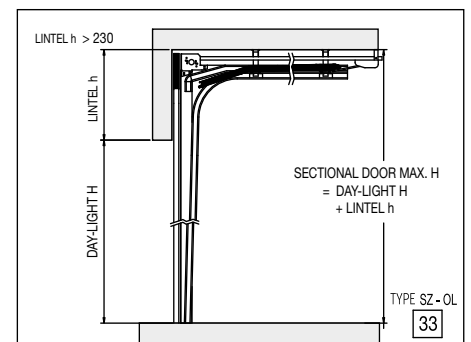
	MANUAL MANOEUVRE	AUTOMATIC MANOEUVRE
I SHOULDER	min. 85 mm	min. 85 mm
P DEPTH	min. = H + 300 mm	min. = H + 800 mm
h LINTEL	min. 330 mm	min. 230 mm

STANDARD SLIDING FOR UPPER BEAM AT 230 MM - VERTICAL SECTION

MANUAL AND AUTOMATIC OPERATION

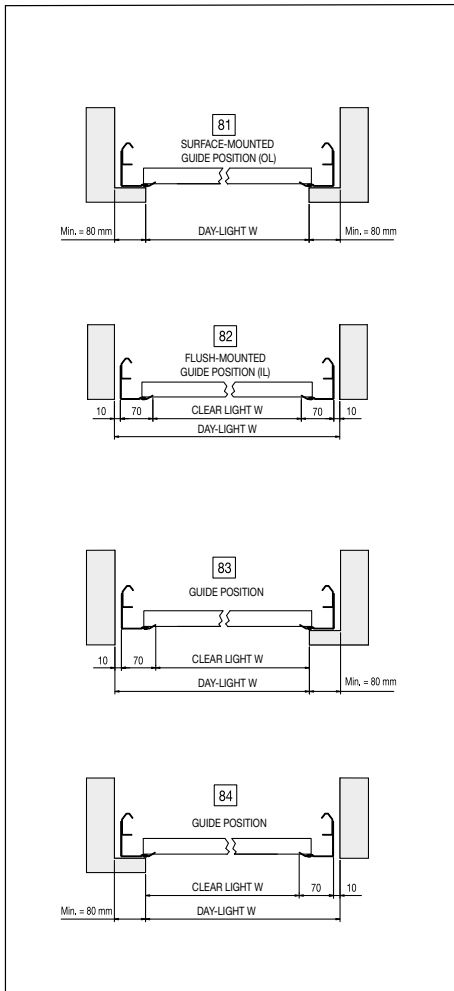


MANUAL AND AUTOMATIC OPERATION



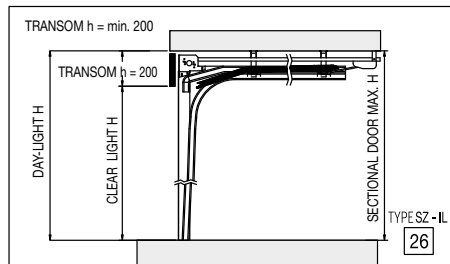
MONO, ONDA SECTIONAL DOOR TECHNICAL SPECIFICATIONS

HORIZONTAL SECTION

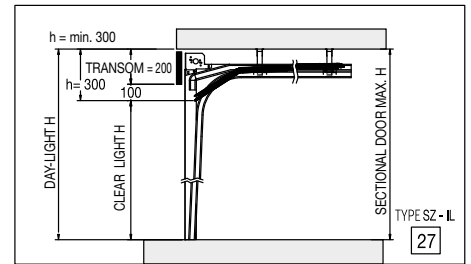


STANDARD SLIDING - VERTICAL SECTION

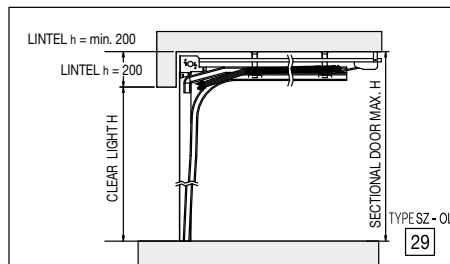
AUTOMATIC OPERATION



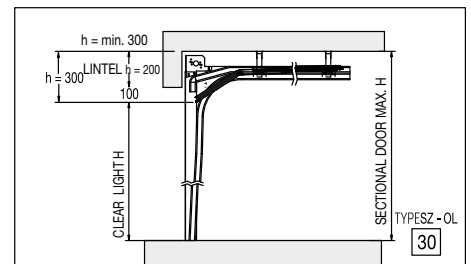
MANUAL OPERATION



AUTOMATIC OPERATION

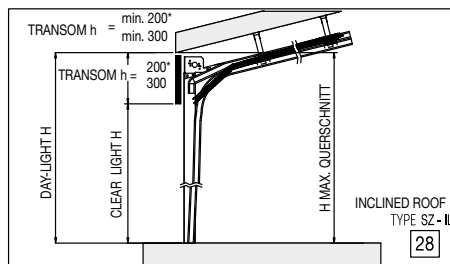


MANUAL OPERATION

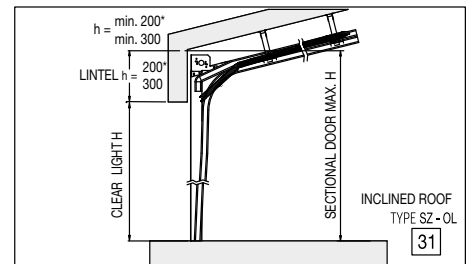


STANDARD SLIDING WITH HORIZONTAL GUIDES INCLINED AT * DEGREES - VERTICAL SECTION

MANUAL AND AUTOMATIC OPERATION



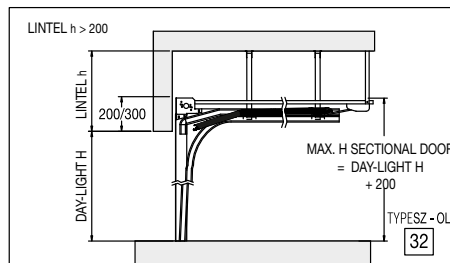
MANUAL AND AUTOMATIC OPERATION



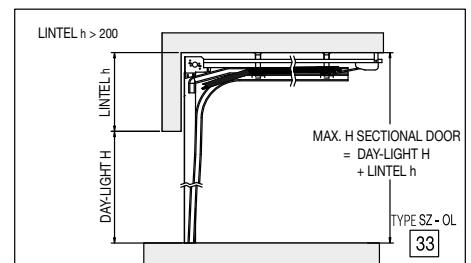
* Up to max. angle 13° min. transom dimensions 200 mm
From angle of 13° min. transom dimensions 300 mm.

STANDARD SLIDING FOR UPPER BEAM AT 230 MM - VERTICAL SECTION

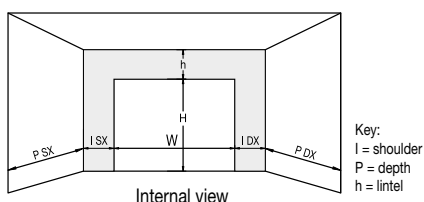
MANUAL AND AUTOMATIC OPERATION



MANUAL AND AUTOMATIC OPERATION



MEASUREMENTS TO BE TAKEN

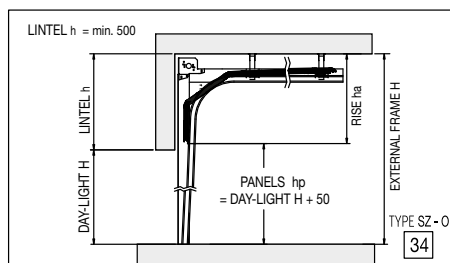


	MANUAL MANOEUVRE	AUTOMATIC MANOEUVRE
I	SHOULDER min. 80 mm	min. 80 mm
P	DEPTH min. = H + 300 mm	min. = H + 800 mm
h	LINTEL min. 300 mm	min. 200 mm

With operator A/310 and A/315 depth = H + 1200 mm

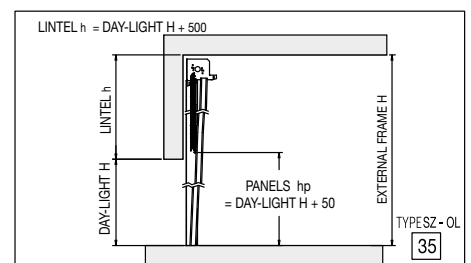
PARTIALLY VERTICAL SLIDING

MANUAL AND AUTOMATIC OPERATION



MANUAL AND AUTOMATIC OPERATION

MANUAL AND AUTOMATIC OPERATION



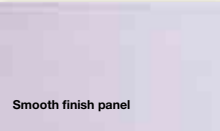
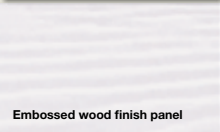
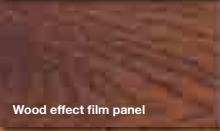



FLEXA SLIDING DOOR

Infinite options for personalisation

Panels in the Flexa doors are available in various finishes: in standard RAL colours or from the Ballan RAL colour chart, or with the wood effect film or in solid wood.



	EXTERNAL SIDE FINISH	EXTERNAL SIDE PITCH	INTERNAL SIDE FINISH
 <p>Smooth finish panel</p>	<p>PANEL FINISH SMOOTH "FLAT" external side: standard similar to Ral 9002 finish</p>	<p>PITCH EXTERNAL SIDE pitch 120 mm pitch 250 mm</p>	<p>PANEL FINISH PLASTER EMBOSSED internal side: standard similar to Ral 9002 finish</p>
 <p>Embossed wood finish panel</p>	<p>PANEL FINISH EMBOSSED WOOD external side: standard mock Ral 9002 finish standard mock Ral 6005 finish</p>	<p>PITCH EXTERNAL SIDE pitch 120 mm pitch 250 mm pitch 500 mm</p>	<p>PANEL FINISH PLASTER EMBOSSED internal side: standard similar to Ral 9002 finish</p>
 <p>Wood effect film panel</p>	<p>PANEL WOOD EFFECT external side: light walnut stain dark walnut stain</p>	<p>PITCH EXTERNAL SIDE pitch 120 mm pitch 250 mm</p>	<p>PANEL FINISH PLASTER EMBOSSED internal side: standard similar to Ral 9002 finish</p>
 <p>Solid wood panel</p>	<p>PANEL SOLID WOOD Okoumé wood stain 1 Okoumé wood stain 2 Okoumé wood stain 3</p>	<p>PITCH EXTERNAL SIDE pitch 120 mm pitch 250 mm pitch 500 mm</p>	<p>PANEL SOLID WOOD</p>



Flexa operator accessories

1. 4-channel transmitter
2. Encoded keypad
3. Pair of photocells, loose
4. Antenna for radio controls
5. 24V movement warning flashing light with PVC support
6. External manual release device
7. External two-channel quartz receiver.



Flexa: the lateral sliding garage door.

Welcome back to the future for this model that has made the history of garage doors. A return marked by technological and aesthetic developments. In fact Flexa doors are made of insulated panels and are available in both manual and power-operated versions.

The external finish of the panels envisages various solutions (smooth, embossed stucco, embossed wood, with "wood effect" film, or clad in solid wood) and paint finishes in the standard RAL colours or from the colour chart.

Flexa lateral sliding door characteristics.

- 1 Concealed motor**
The motor, completely enclosed in the guide offers significant aesthetic and installation advantages
- 2 Protection casing**
All sliding wheels are protected by a special casing to guarantee strength and safety.
- 3 Floor-mounted tracks**
The special floor track with a height of less than 2 cm enables smooth travel with no obstructions. Installation is particularly simple thanks to the fact that the track is not recessed in the floor and the square design ensures increased stability.
- 4 Anti-air seals**
The Flexa sliding door is fitted with lower and upper seals. Also, a special flexible seal has been especially designed to adapt to all types of surface on closure.
- 5 Anti-shearing bend**
The innovative lateral bend ensures anti-shearing protection and total reliability.



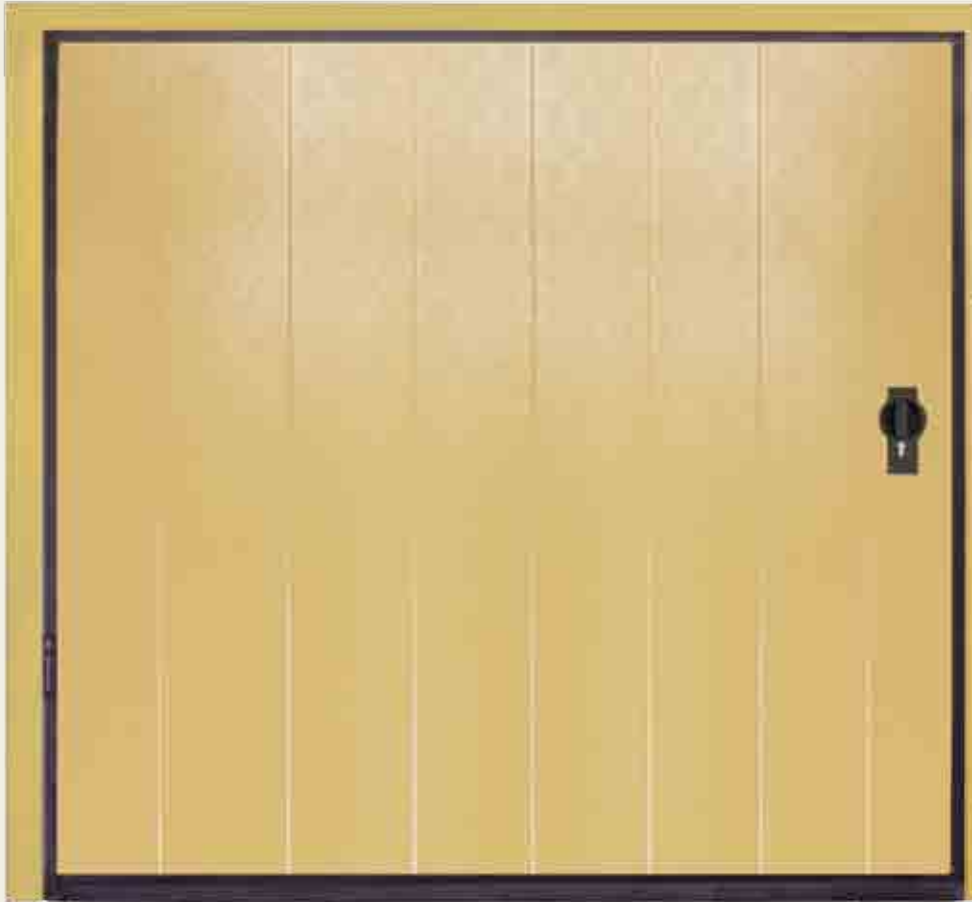
Operator for Flexa lateral sliding door.

The operator accessories can be supplied fully pre-wired and integrated by means of cables passing through ducting. As well as the obvious aesthetic advantages, this also reduces the times for installation.

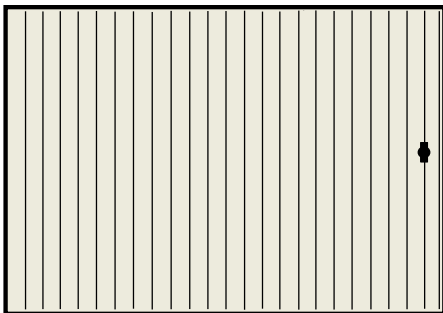


ballan
GARAGE DOORS

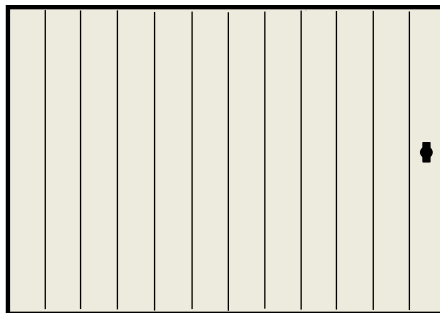




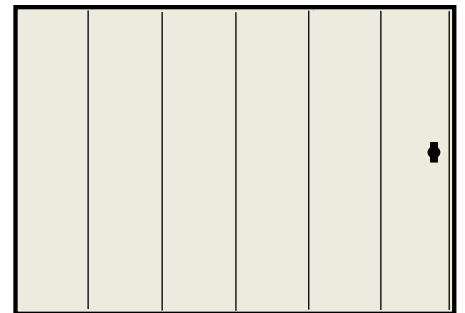
Flexa lateral sliding door,
panel pitch 250, manual operation.
The Ral 1002 finish is optional.



Vertical panel with pitch 500
Grooving pitch 120 mm



Vertical panel with pitch 500
Grooving pitch 250 mm



Vertical panel with pitch 500

Accessories



ABS
handle



Handle with lock



Black or white
ventilation grille



Standard window
W 250 x H 635 mm
with black PVC frame



Security window
W 350 x H 525 mm
with black PVC frame

Flexa: the lateral sliding garage door.

Horizontal sliding, both easy and safe, is ensured by a system of dampened lower carriages, which also ensures optimal operation in the case of slight gradients on the floor or ceiling. Thanks to the new curvature radius, the Flexa garage door is safe and eliminates the risk of fingers being trapped between panels.

Panels on Flexa doors, insulated to a thickness of 42 mm, are available in various finishes: in standard RAL colours or from the Ballan RAL colour chart, or with the wood effect film or in solid wood cladding. Can also be combined with pre-existing frames or sectional frames or sectional doors.

The panels are available with vertical slats of 500 mm, and grooves of 120 mm or 250 mm.

Windows or glazed sections can be inserted on the doors to enhance lighting.

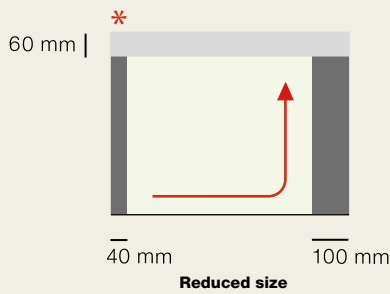
The Flexa door can be fully automated by means of motors concealed directly in the track, thus eliminating unsightly and exposed installations on the wall-mounted guides.

Operator: Automa

Measurements:

width from 2500 to 5950 mm

height from 2000 to 3000 mm

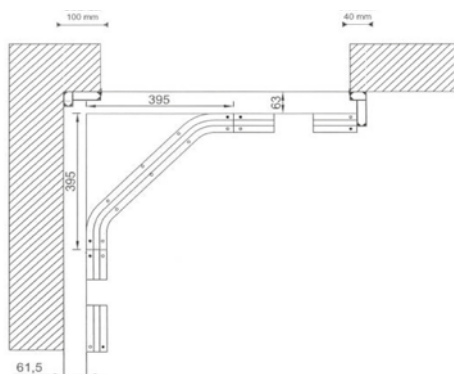


The great advantage of smaller sizes to free up more space: ONLY 60 MM OF MAXIMUM SPACE in height and 140 mm width*.
All transoms are supplied in the same colour as the panels.

The maximum size reduced to only 60 mm in height and 140 mm in width, makes this transom particularly versatile.

The possibility of sliding laterally represents on the only solution when walls are not angled at exactly 90°.

FLOOR TRACK POSITIONING AND FIXTURE



Ballan SpA reserves the right to apply modifications to products without notice.

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GARAGE DOORS