

DESIGN
RELIABILITY
ELEGANCE
EASY & FAST SYSTEM

CERTIFIED QUALITY

EVOLUS is the automation for sliding doors provided with the most advanced hardware and software solutions to ensure safety and reliability. It represents a real evolution in **LABEL** drives for automatic doors, whereas functional technical aspects are combined with aesthetic design.

EVOLUS is also available as telescopic version and can be integrated with **LABEL** aluminium leaf profiles as well as with a wide selection of commercial profiles, thus fulfilling any customer demand.

EVOLUS complies with the new **EN16005** European Standard, and has passed all tests prescribed by **EN13849**, and in particular those on electric safety of each single component.



SIMPLE and **ELEGANT** design.
SILENT and **HARMONIOUS** motion.

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GLAZED FIRE RATED AUTOMATIC SLIDING DOORS

EVOLUS



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Electric security lock **EV-EBSFSET** to ensure the permanent door closure in the event of fire.



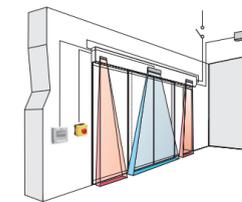
Due to its versatility **EVOLUS TF** can be implemented in any application fields.



EVOLUS

FIRE RATED AUTOMATIC SLIDING DOORS EI 60

Available with one or two leaves with fixed sides built with galvanized steel frame, double insulation mass, cover coatings in extruded aluminium or stainless steel, complete with Pilkington Pyrostop 60-101 glass and thermal expansion seals, with mobile leaves with automatism LABEL Evolus 150 T(F) controlled by microprocessor EV-LOGIC2-TF, provided with safety sensors and a self closing system; the door closure is granted even in case of power failure by means of electric lock EV-EBSFSET and emergency battery EV-BAT2P.



TECHNICAL DETAILS

Glazed structure EI 60, made of load bearing tubular frame in galvanized steel 20/10, protected on two faces with asbestos free, cementitious matrix silicate slabs, mechanically fixed to the structure.

Cover sections in UNI 3569 TA16 alloy coplanar aluminium extrusion, suitably shaped so as to create a ledge between fixed and mobile frame and containment seats of the hot fume seals.

Total thickness mm 70.

EVOLUS TF

has been designed and built to the partitioning of high fire load environments

to give input elegance and harmony with the surrounding environment

to ensure a high degree of safety and reliability

EVOLUS

EVOLUS MODELS	EVT-150S-TF 1 leaf	EVT-150D-TF 2 leaves
Clear passage	800 ÷ 1200 mm	900 ÷ 1800 mm
Maximum leaf weight	kg 300	kg 200 1 leaf
Evolus automatism dimensions (HxDxW)	120x150 mm x L. (max. 6500 mm)	
Power supply	115/230 Vac 50-60Hz	
Opening speed	Max. 0,7 m/sec (1 leaf)	
Closing speed	Max. 0,6 m/sec (1 leaf)	
Operating temperature	-15° C /+ 50° C	
Protection rating	IP22	
Frequency of use	Intensive use 100%	
Durability test	1,000,000 cycle test (4,000 cycles/day)	
Safety test	This function can be selected for monitored safety sensors	
Electric lock EV-EBSFSEF	It keeps the leaves locked in closed position	
EV-BAT2P emergency battery	It ensures door closing in case of power failure	

SLIDING PROFILE BLOXALL 70

Frame	Tubular galvanized steel 20/10
Insulation	Calcium silicate 15 mm thickness on both sides
Covering	Extruded aluminium or brushed stainless steel
Glazing	Fire Glass Pilkington Pyrostop 60-101, mm 23 thickness
Maximum clear passage	mm 1800 x 2300
Weight	kg 75/m2 kg 75/sqm
Profile thickness	mm 70
European Standard	EN 1634 - EN 1363

CERTIFICATIONS & APPROVALS

Evolus complies with the following European Directives and Standards.

Machine Directive: 2006/42 EC

Electromagnetic Compatibility Directive: EMC 2014/30/UE

Low Voltage Directive: LVD 2014/35/UE

Test report: EFR-13-J-131261

No. of Approval: PD030EI2060P017

EUROPEAN STANDARDS

EN 16005; EN 13849-1; EN 13849-2; EN 61000-6-2; EN 61000-6-3; EN 60335