

Automated fitting with SMI interface for wooden or metal shutters up to 100 kg (220 lbs.), with screwed on running track. Ceiling or architrave mounting.

Product-Highlights



Comfort

Automated system with building control interface
Optimized individual use of daylight



Security

Extremely robust sliding shutter that has been tested for 100,000 cycles
High resistance to wind and corrosion

Technical guidelines

Max. shutter weight	100 kg (220 lbs.)
Shutter thickness	28–50 mm (1 3/32" to 1 31/32")
Max. shutter height	3200 mm (10' 5 31/32")
Max. shutter width	650–3750 mm (2' 1 19/32" to 12' 3 5/8") (Max. shutter area 6.24 m ² (67 ft ²))
max. attack surface per shutter	6.24 m ² (67.167 ft ²)
max. system width	7500 mm (24' 7 9/32")
max. shading area	6.24 m ² (67.167 ft ²)
Temperature range	-20 °C bis +60 °C
Height adjustable	+/- 2 mm (3/32")

Application area

Utilization light / semi-public access	Yes
Utilization medium / semi-public access	Yes
Utilization high / public access	Yes
Inland, more than 20 km from the coast	Yes

Tests

Building hardware – hardware for sliding doors and in accordance with EN 13659 DIN EN 1670
– Resistance to wind load; class 6 in accordance with EN 13659
– Operating force: Class 1 in accordance with EN 13659

Furniture fittings – roller fittings for sliding doors in accordance with DIN EN 1670
– Corrosion resistance: Class 4 (very high resistance, external area with very harsh conditions)

Warranty

With the exception of parts subject to wear and tear, Hawa warrants the flawless functioning of the products delivered by it, as well as the durability of all parts, for a period of 2 years commencing from the transfer of risk.

Place of use

Outdoor area with rural inland climate, without particularly high pollution level and at least 20 km from the sea.

Product Design

Hawa Frontslide 100 Matic consisting of top running track (aluminum wall thickness 3.5 mm (5/32")), running track with plastic rollers and hanger bracket, motor with controller and SMI interface, deflection rollers, toothed belt lock, toothed belt, follower, bottom guide track and guide component.

Optional:

(...) Clip-on panel

(...) Fixed to wall or floor at bottom

Interfaces

Door leaf

- Screwed on or riveted from above
- Door thickness 28–50 mm (1 3/32" x 1 31/32")
- Guide component screwed on at bottom

Running track

- Shorten at one side for motor

Adjustment

- With commissioning box