**Automated fitting with SMI interface for wooden or metal shutters up to 140 kg (309 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 140 kg (309 lbs)

Shutter thickness 28–60 mm (1 3/32'' to 2 3/8'')

Max. shutter height 3200 mm (10' 5 31/32'')

750–3750 mm (2' 5 17/32'' to 12' 3 5/8'')

Max. shutter widht

(Max. shutter area 6.24 m² (67 ft²))

max. attack surface per shutter 6.24 m² (67.167 ft²)



max. system width 7500 mm (24' 7 9/32'')

max. shading area 6.24 m² (67.167 ft²)

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 140 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 28–45 mm (1 3/32'' x 1 25/32'')

* Guide component screwed on at bottom

# Running track

* Shorten at one side for motor

# Adjustment

* With commissioning box