**Fitting for top-running wooden or metal shutters up to 140 kg (309 lbs.), with screwed on**

**running track. Ceiling or architrave mounting.**

**Product-Highlights**

**Aesthetics**

Attractive design solution for exciting and modern façade design

**Security**

The shutters withstand even stormy winds, both open and closed

**Technical guidelines** Max. shutter weight

Shutter thickness Max. shutter height

Max. shutter widht

140 kg (309 lbs)

28–60 mm (1 3/32'' to 2 3/8'')

3200 mm (10' 5 31/32'')

700–3750 mm (2' 3 9/16'' to 12' 3 5/8'')

(Max. shutter area 9.6 m² (103 ft²))

max. attack surface per shutter

max. system width max. shading area Height adjustable

9.6 m²

7500 mm (24' 7 9/32'')

9.6 m²

+/- 2 mm (3/32'')

**Application area**

Utilization light / semi-public access

Utilization medium / semi-public access Utilization high / public access

Inland, more than 20 km from the coast

Yes

Yes Yes 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 A consisting of top running track (aluminum wall thickness 3.5 mm (5/32'')), running track with plastic rollers and hanger bracket, bottom guide track and guide component, track buffer with adjustable retention.

Optional:

( ) Clip-on panel

( ) Angled support profile for fixing to wall

( ) Fixed to wall or floor at bottom

( ) Sliding shutter lock

( ) Sliding shutter arrester

# Interfaces Door leaf

* top, recess at rear for suspension cup
* Screw fixing of suspension cup

– Door thickness 28–50 mm (1 3/32'' x 1 31/32'')

* Guide component screwed on at bottom