

**Fitting for top-running wooden or metal shutters up to 100 kg (220 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	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	500–3750 mm (1' 7 11/16" to 12' 3 5/8") (Max. shutter area 9.6 m <sup>2</sup> (103 ft <sup>2</sup> ))
max. attack surface per shutter	9.6 m <sup>2</sup>
max. system width	7500 mm (24' 7 9/32")
max. shading area	9.6 m <sup>2</sup>
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 A consisting of top running track (aluminum wall thickness 3.5 mm (5/32")), running track with plastic rollers and hanger bracket, track buffer with adjustable retention, bottom guide track and guide component.

Optional:

- (...) Clip-on panel
- (...) Angled support profile for fixing to wall
- (...) Fixed to wall or floor at bottom
- (...) Sliding shutter stop
- (...) 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