

**Fitting for 2–10 folding sliding shutters made of wood or metal up to 30 kg (66 lbs.) per shutter and 180 kg (396 lbs.) per system, with concealed running and guide tracks. Design Forslide, open at the bottom.**

**Product-Highlights Aesthetics** Harmonious combination of shutters and façade, since the running

and guide tracks disappear behind the closed shutter

**Flexibility** Solution for any construction situation with doors of up to 1.2 m² and 30 kg (66 lbs.), even/odd number of doors and system width of up to 12 m (39'4 7/16'')

**Technical guidelines** Max. shutter weight 30 kg (66 lbs.)

Shutter thickness 28–36 mm (1 3/32''–1 13/32'')

Max. shutter widht 600 mm (1'11 5/8'')

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

Max. attack surface per shutter 1.2 m² (12.92 ft²)

Max. system width 2 x 6000 mm (19'8 7/32'')

Max. shading area 2 x 19.2 m2 (206.67 ft²)

Height adjustable +/- 5 mm (3/16'')

Temperature range -20 °C to +80 °C

**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 Coastal area, less than 20 km from the coast Yes

**Tests** Shutters and external Venetian blinds – performance requirements including safety according to DIN EN 13659

* Duration of functionality: Class 3\* (highest class = 20,000 cycles)
* Wind resistance class 6 (highest class)
* the duration of functionality was tested with 40,000 cycles

Corrosion test in simulated atmospheres – salt spray test ISO 9227

* 1000 h salt spray test

**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.

**Product Design** Hawa Frontfold 30 FS oo consisting of running track (anodized aluminum, min. 20 μm, wall thickness 2.8 mm (1/8'')), suspension (EN AW 6060 T66 /6063 T66, anodized layer thickness min. 20 μm, screws and bolts stainless steel A4), guide (EN AW 6060 T66 /6063 T66, anodized layer thickness min. 20 μm, screws and bolts stainless steel A4), hinges (stainless steel A4), guide track open at the top (aluminum anodized, min. 20 μm).

Optional:

( ) Spring latch opening outwards or inwards, aluminum anodized

# Interfaces Folding shutter\*

* Wood, metal or light metal shutter, max. 30 kg (66 lbs.)

– Shutter thickness 28–36 mm (1 3/32''–1 13/32'')

* Maximumshutterwidth:600 mm (1'11 5/8'')
* Maximum shutter height: 3200 mm (10'5 31/32'')
* Fittings are for screwing on or riveting
* The wind resistance class of the shutters is the responsibility of the manufacturer.

# Track mounting

* Wall mounting
* Ceiling mounting

# Guide mounting

* Wall mounting
* Floor mounting

# Securing the opened sliding shutter

* If there is an uneven number of sliding shutters, the securing of the last open shutter must be taken care of by the customer

# Installation

* Mounting screws
* Mounting rivets

Hawa Sliding Solutions AG generally recommends using stainless steel mounting screws and rivets. At least A2 quality, A4 for use in coastal areas.