

30.63

30.63.19-a HORIZONTAL SLIDING DOOR

0. HORIZONTAL SLIDING DOOR

Manufacturer: Metaflex Doors Europe BV

Type: Metaflex Medicare EI₁ 30

- hermetically sealing sliding door.
- 30-minute fire resistant doors in accordance with European standards DIN-EN 13501-2:2010-02.
- Airtight: class D according to DIN EN 1026
- Noise-reducing up to $R_w = 33$ dB (door leaf value) and $R_w'p = 31$ dB (practice value), according to ISO10140-1:2021 and ISO 717-1:2020

Clear width (mm): determine from the drawing. Free passage - 200 mm.

Clear height (mm): determine from drawing

Door leaf:

- Door frame: the bright, anodised aluminium door blade profile has rounded corners that are flush with the door.
- door blade: 60-mm thick with a 30-minute fire-resistant core, 48-mm thick, 5.1-mm thick MDF on both sides, high-pressure laminate finish, 0.9 mm thick, manufactured by Duropal, colour to be determined.
- sealing: the door blade is equipped with a three-sided rubber sealing profile with an intumescent Interdens strip. A drag rubber is mounted in a special guide on the bottom.
- opener: special stainless-steel inside-outside opener with lever principle.

Frame:

- 304 stainless-steel, 1.5 mm-thick fire-resistant front frame with an intumescent Interdens strip, brushed version. Reveal finish to be provided by third parties.

Rail construction:

- aluminium rail construction, hermetically sealed, with a sloping and detachable aluminium cover in RAL 9006 colour.

Accessories:

- facilities to be incorporated in the walls for affixing the door, rail and similar components to be provided by third parties.

Options:

- glass opening in consultation, safety glass on both sides with a 30-minute fire-resistant glass core, flush with the door blade. Maximum dimensions: 850 x 850 mm high.
- medical earthing: the door blade, rail, cover, mechanism and frame are grounded through a sliding contact, including the insulated building mass for Class 2 and 3 rooms.
- lead inlay in the door blade (maximum 3 mm).

SL Hygienic Medicare EI₁ 30

4. FINISHING WORK ADJUSTMENTS & LEVELLING

Finishing on behalf of subcontractor

6. SLIDING DOOR MECHANISM

Manufacturer: Metaflex Doors Europe BV

Drive:

- electrical automation, type SDA-05 PRO with Power Supply. Microprocessor controlled and regulated electromechanical sliding door operator (230 Vac) prepared for connection to optional BMS and equipped with fault indication, to be read via QR code. In case of power failure the door can be opened manually. Opening speed adjustable up to max. 800 mm/sec.

Security:

- I.R. daylight protection above the clearance opening.
- continuous control of the door speed.

Pulse sensors:

- nylon, ES1-type elbow switches on both sides of the door.

Sluice operation function:

- provided as standard with lock function control between this door and 9 more doors by means of CAN bus connection, provided with SDA automation by means of interruption of the control circuit; if several doors are put into lock function, an optional interlock control is required.

Lock:

- the door is equipped with a motor blockage that can lock the door, if desired.

Options:

- electric balance lock.
- touch-free, MS1-type radar switches on both sides of the door.
- Stainless-steel, VS2-type foot switches on both sides of the door.
- Built-in, stainless-steel VS3-type foot sensors on both sides of the door.
- Battery Pack instead of Power Supply which can also serve as an emergency power supply in case of power failure.

01. INSIDE DOOR

On-site sliding door from