

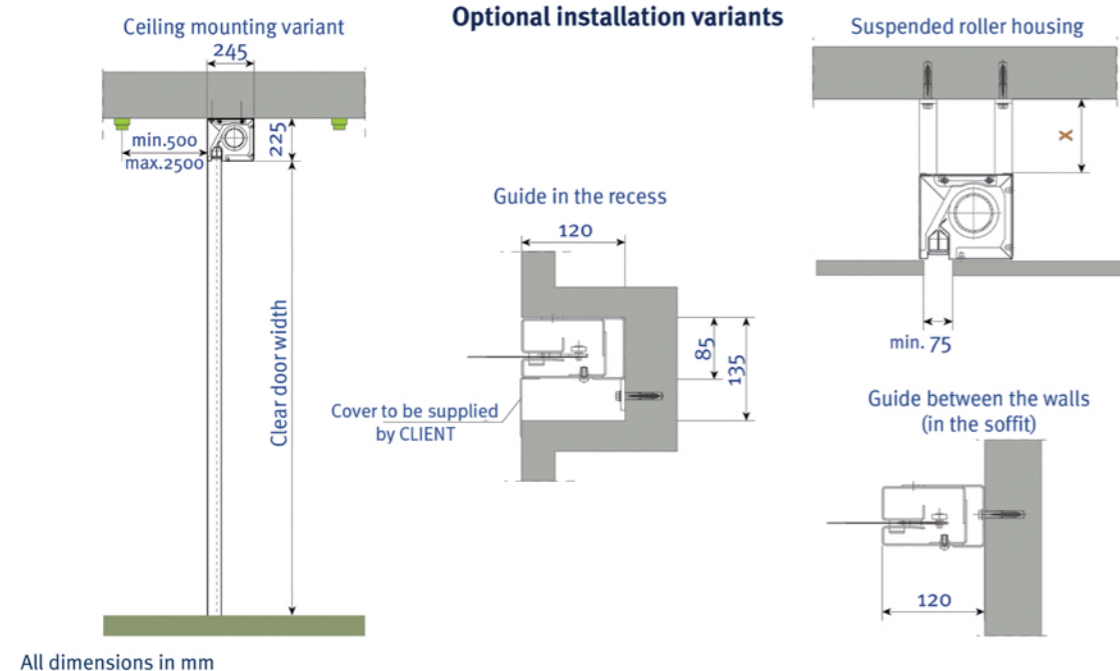
All dimensions in mm

NEW

All visible outer surfaces are protected against scratches and soiling until commissioning by an easily removed plastic film.

also available in
STAINLESS STEEL

Optional installation variants



All dimensions in mm

Other installation situations or minimum dimensions on request. Dimensions valid up to inside width of 6 m and inside height of 5 m.

Description of Scope of Supplies and Services

Fibreklam® fire-resistant rolling curtain, prevents the spread of fire for 120 minutes according to EN 1634-1 (E 120) and durability test (10,000 cycles) to DIN 4102-18, tested at the Materials Testing Institute of North-Rhine Westphalia.

Textile fire-resistant rolling curtain to protect areas of buildings against the spread of flames.

- Grey special glass filament fabric reinforced with stainless steel wire woven into the fabric with polyurethane coating.
- Clamp rolls integrated into the curtain to prevent the curtain being pulled out of the guides.
- In the case of passage of persons, equipped with function-monitored safety contact strip according to EN 12453

- Control box W x H = 285 x 215 mm.
- Potential-free contact for connection to fire alarm system
- Battery back-up power supply in the event of a power failure, connection of up to 12 fire detectors. Operation via foil keyboard.
- Housing for the winding shaft made of galvanised sheet steel with maintenance openings.
- Guides of galvanised steel.
- Triggering in the event of alarm via an emergency push button behind glass or via smoke detectors.
- Drive by tubular motor, 5% duty cycle, with power-on brake, electrical opening and current-free closing ("gravity failsafe").
- Opening/closing speed approx. 5 – 10 cm/s

- Connection via 2 m cable and 230 V AC plug to a plug socket on site.
- All documents incl. installation instructions on CD-ROM.

Options:

- External key-operated switch
- Electric siren
- Flashlight
- Non-visible drag chain integrated in one guide instead of spiral cable for power supply of safety edge

Space requirement for standard installation

- Space above the lintel of the door ≥ 225 mm
- Lateral clearance ≥ 130 mm

Smaller dimensions on request

Effertz Release System

The key control unit in every Effertz fire-resistant curtain is the Effertz release system. Specially-designed electronics make sure that the fire protection curtain is kept in the open position during normal operation, but in case of alarm will close. If a smoke detector is triggered or if the emergency push button is actuated, the power supply to the

drive will be interrupted, the brake in the drive released, and the curtain will close by its own weight, controlled by a speed regulator of the drive, independent of any power supply ("gravity failsafe"). The safety contact edge makes it possible to stop the automatic closing operation, should the opening be blocked.

If there is a power failure, the function of this safety device is taken over by a 24 V battery. Every Effertz fire-resistant curtain is equipped with such a release system, specially approved for this purpose. Effertz fire-resistant curtains meet all safety requirements.

Smoke Detectors

The number of smoke detectors required is determined by the width of the door. One detector is required on each side of the opening for door widths up to 4,000 mm, two detectors on each side for door widths up to 8,000 mm and three detectors on each side for door widths up to 12,000 mm. With lintel heights of more than 1,000 mm, one or more

additional smoke detectors must be installed – at additional charge – on one side of the lintel near the underside of the lintel. The number required is again determined by the door width: One is required for widths up to 4,000 mm, two for widths up to 8,000 mm and three for widths up to 12,000 mm. In some cases smoke detectors can trigger false

alarms. This is particularly the case where there is an extreme development of smoke, mist or dust such as near ovens, for example. In this case, heat detectors are to be recommended instead of smoke detectors. These react to increases in temperature. In escape routes, only smoke detectors may be used.

