

BSV-Z-EI

Fire curtain



The BSV-Z-EI is an automatic fire protection curtain with an EI 120 classification. In the event of a fire, it not only contains and controls flames but also reduces radiation and heat transfer. By combining two types of fabric – a foldable concertina design and a flat fabric – it provides maximum insulation and protection for both people and property.

CE CERTIFIED
EN 1634-1 & EN 13501-2

Material

Fiberglass fabric with low radiation and high insulation properties, heat-resistant up to 1,100 °C; seams made of reinforced stainless steel with Kevlar coating.

Casing

Galvanized steel, 1.2 mm thick, customizable to meet architectural requirements.

Side Guides

Galvanized steel, 1.5 to 3 mm thick, adapted to curtain dimensions.

Roller

Galvanized steel, 1.5 mm thick, 78 mm diameter, with a special fabric anchoring system.

Bottom Bar

Galvanized steel, 1.2 mm thick.

Drive Unit

24 V tubular motor, max. output 24 W / 18 Nm, speed 0.10 to 0.15 m/s.

Control Unit

CRM control box (IP56) with CBM control panel, including UPS system for up to 6 hours of autonomy.

Sprinkler System

Solenoid valve for water release, with a standard 3-minute delay or activation via thermal sensor at 77 °C.

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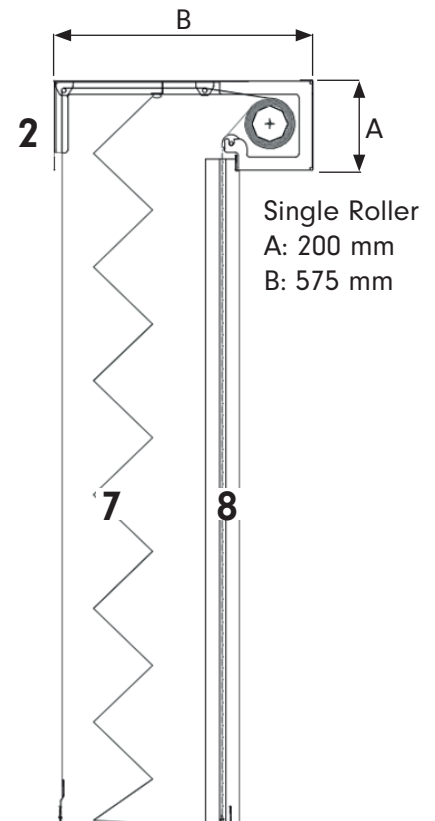
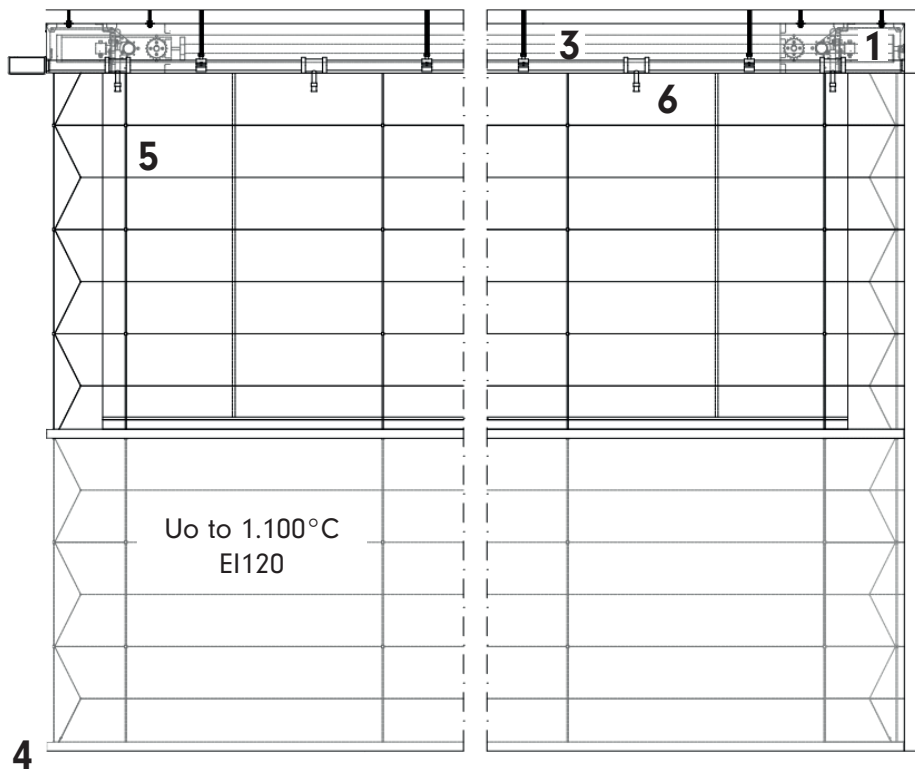
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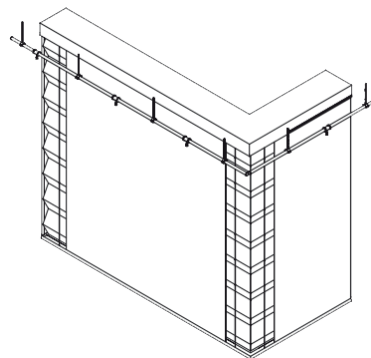
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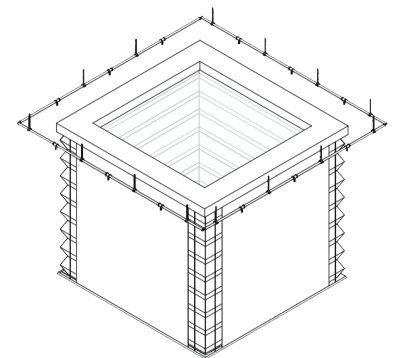


1. tubular motor 24 V
2. galvanized steel headbox
3. galvanized steel roller
4. galvanized steel bottom bar
5. lifting steel strips
6. sprinkler
7. concertina fabric
8. flat fabric

The fibreglass fabric has low radiation, high isolation properties and resists upto 1.100°C. All seams are done with reinforced stainless steel wires with a coating of Kevlar.



L-Shape



O-Shape

This fire protection curtain enables the angled separation of areas without the need for support elements in the corners.

Fire resistance rating: **EI120**

E ... Integrity: The component prevents the passage of flames and smoke.

I ... Insulation: Heat transfer remains below defined limits (typically < 140 °C on the side not exposed to fire).

120 ... Minutes: The component maintains above properties for 120 minutes (2 hours).