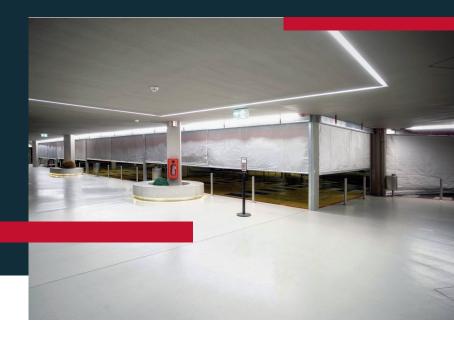


BSV-E-EI

Fire curtain



CE CERTIFIED EN 1634-1 & EN 13501-2

The BSV-E-EI is an automatic fire protection curtain with an EI 120 classification. In the event of a fire, it not only limits and controls the spread of flames but also reduces radiation and heat transfer. Thanks to its insulating properties, it offers optimal protection for both people and assets.

Materia

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

Casina

Galvanized steel, 1.2 mm thick, adaptable to architectural requirements.

Side Guides

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

Polle

Galvanized steel, 1.5 mm thick, 78 mm diameter, featuring a special system for securing the fabric.

Bottom Bar

Two-part system made of galvanized steel, 1.5 mm thick, easy to install.

Drive Unit

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

Control System

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

Spinkler System

A solenoid valve activates the sprinkler system after a 3-minute delay or at 77 $\,^{\circ}\text{C}$ via a thermal sensor.

Austria

ATTRIA GmbH ATTRIA production GmbH

Gewerbepark Mitterfeld 7 2523 Tattendorf AUSTRIA

+43 2254 73734 office@attria-group.com

Germany

ATTRIA GmbH

Am Dorfplatz 1 86489 Deisenhausen GERMANY

+49 8282 6209180 office@attria-group.de

Southeast Europe

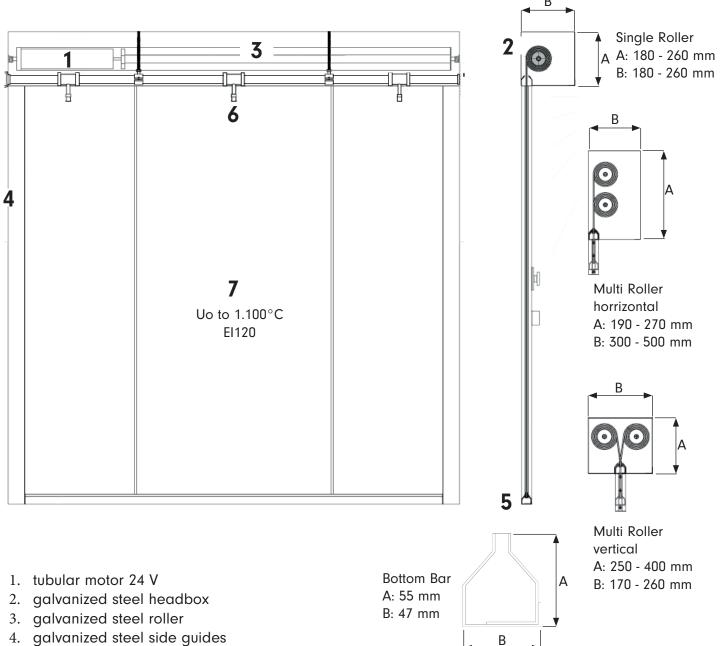
ATTRIA production GmbH

9th of September dist. Promishlena zona 2227 Bojurishte BULGARIA

office.bg@attria-group.

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- 4. galvanized steel side guides
- 5. galvanized steel bottom bar
- 6. sprinkler
- 7. fire resistant 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.

Fire resistance rating: **E120**, **EI120** (with sprinkler)

- Ε ... 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).

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