

RGS fire roller shutter doors: EI 60 | EI 120

Investment
in safety
and functionality

Due to its compact design and the simple installation and connection of individual slats, **RGS fire roller shutter doors** are used wherever there is limited space around the opening.

The door surface is typically made of galvanised steel, but may also be painted in any RAL colours or made of stainless (acid-resistant) steel. RGS roller shutter doors may be installed on concrete, solid brick walls, hollow clay tiles, calcium silicate walls or steel structures prepared with the required fire rating in mind.



Door control:

In the standard version, the door is equipped with an motor with a control unit; it is moved through continuous pressing of up-stop-down buttons. At customer's request, the door may be equipped with an optical safety strip, located at the bottom edge of the door. This type of safety device may be used with remote door control, e.g. a remote control, opening radar, etc.



Available surface finish

In the standard version, the outer surface of the door is secured with high-quality galvanised coating. At customer's request, the door may be painted in any RAL colour or made of stainless (acid-resistant) steel.



Optional equipment:

- Roller shutter box;
- Chain box – recommended for safety reasons in case of low doors.

DOORS STRUCTURE

RGS roller shutter consists of slats (height: 150 mm, thickness: 60 mm) filled with a material with the relevant fire rating: mineral wool or Isulfrax board (thermal transmittance of the door curtain: 1,1 W/m²K). It is equipped with a motor and a control unit.

The guaranteed mechanical strength of the door is 50 000 operating cycles.

Door types:

- Standard doors – slats are wound on a roller placed on brackets over the opening;
- Horizontal doors – slats follow the track under the ceiling; **the required lintel is 450 mm**; it is possible to adjust the track system to available building conditions (e.g. the angle of inclination of the ceiling).

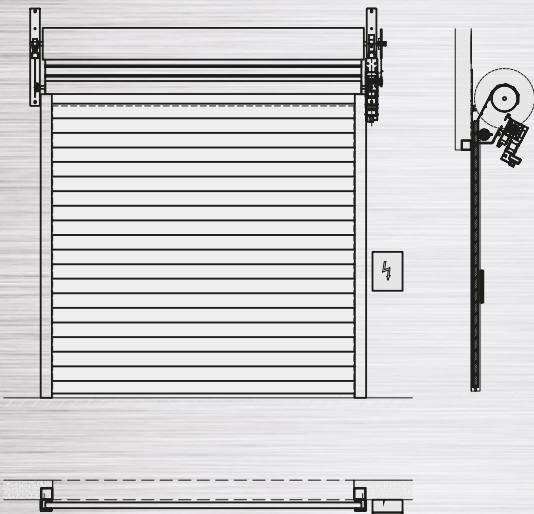


Roller shutter doors are available in soundproof (soundproofing up to 55 dB) and smoke control versions.

All RGS fire roller shutter doors are manufactured according to individual needs in accordance with European standards and the Building Research Institute approval (approval no. AT-15-8452/2013). In addition, the doors are National Institute of Hygiene (PZH) certified (certificate no. HK/B/0997/01/2013).

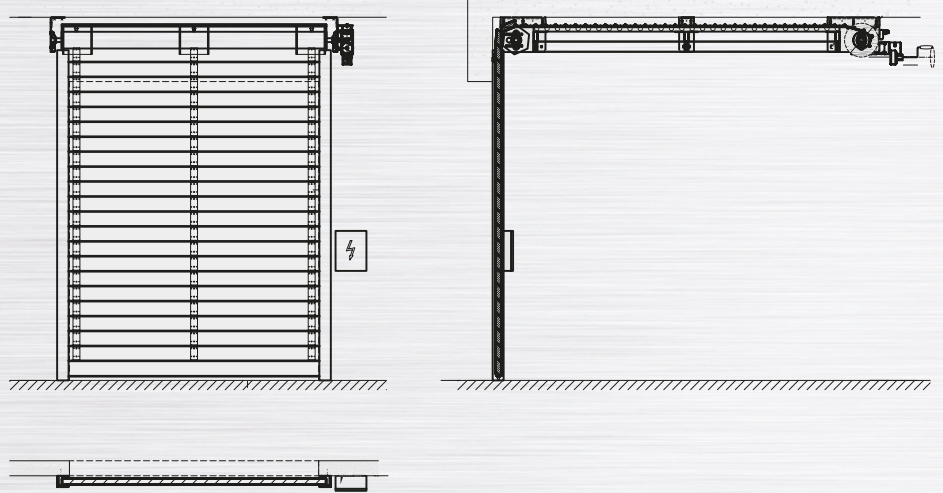
RGS

standard roller shutter door



RGS-H

horizontal roller shutter door



Architect's
zone



For more technical information, visit:
www.somati-system.pl/architekci.html

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FIRE DOORS