

Fire Protection **SECURUS**[®]



Safety for Escape and Rescue Routes
Protection for Electrical Facilities



Technischer Brandschutz GmbH

Expert Fire Protection Technology

A building fire often develops in the technical service systems, mainly the electrical installations which are led through the walls. Should a fire break out in the circuit systems, the escape routes must be protected accordingly. When planning a new building or before reconstruction measures are taken, constructional fire protection issues must be mandatorily considered and applied.

Preventive structural fire protection is equally important for specialist planners as for professional users. In order to make sure that the intended technical realizations actually meet with the current fire safety regulations, it is recommendable to contact and consult qualified and experienced suppliers at an early stage.



Minimizing Fire Hazards in the Electrical Circuit System

In spite of the existence of clear binding rules, technical experts often detect considerable defective executions of the supply shafts and their wall closings. Our tried and tested **SECURUS RV** revision doors and flaps, which are available in many executions meeting the most different on-site-situations, protect the escape and emergency routes in case of a fire.

Safety for Electric Installations

Plant operators worry about the safety of their technical building facilities. It is important to make sure that the electrical facilities neither present a fire hazard by themselves, nor suffer any damages in case of a fire from the outside. Our examined and certified **Cabinet System SECURUS GH** offers reliable protection for your sensitive building technology.

Fire Protection Expert Knowledge

Preventive structural fire protection adapts existing and new building objects to the applicable fire safety regulations. Our fire-resistant **Cabinets SECURUS GH** and our **Revision Covers SECURUS RV** offer economic and high-quality solutions based on latest fire safety standards.

Challenge us with your demands! We should be pleased to check the viability of your project and help you to find an appropriate solution which complies with your individual requirements.

Application



- Residential / Commercial buildings
- Administrative / Office buildings
- Places of assembly / Stores



- Education facilities
- Hospitals
- Nursing homes



- Industrial buildings
- Production facilities
- Power stations

Complete Services



- Qualified fire-protection competence
- Competent expert advice
- First-class customer service



- Site measuring
- Development of individual solutions
- Design and project planning



- Production based on highest quality standards
- Reliable and quick delivery
- Professional assembly

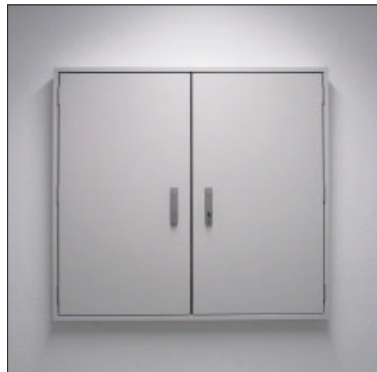
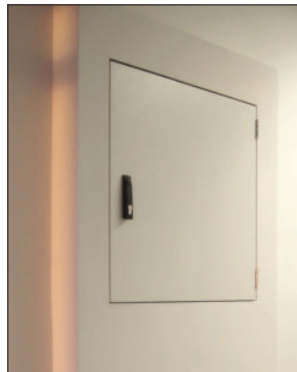


Revision Covers

Revision Covers SECURUS RV are installed into or in front of an installation shaft wall opening. In case of a fire development inside the shaft the product prevents the passage of smoke and fire from the shaft interior to the outside, i.e. the escape and emergency routes, over a period of at least 30 or 90 minutes.

Construction/Executions

- Single or double leaf doors and flaps, available as floor standing or wall hanging versions
- Multi-layer material combination from non-combustible building materials
- Circumferential smoke and fire sealing
- Different installation types: On-wall versions and flush-mounted or partially retractable versions (on request frame element can be plastered completely)
- Many different sizes and mounting depths
- Customized adjustment to the individual structural on-site conditions possible
- User-friendly installation



Applicability

General building approval "Allgemeine Bauaufsichtliche Zulassung" for 30 resp. 90 min., acknowledging the installation into shafts with a fire resistance class I30/I90 acc. to DIN 4102-4, paragraph 8.6, made from:

- Massive walls with at least 100 mm thickness
- Stud partition walls with a double-sided panelling from non-combustible fire protection boards
- Stud partition walls with single-sided panelling from non-combustible gypsum bound building panels
- Steel supports clad on each side with non-combustible building panels



Fire Protection Enclosures

Fire resistant **Cabinets SECURUS GH** are designated for the installation of electrical distribution systems, which in case of fire must have a functional integrity of at least 30 or 90 minutes.

In case of fire from the outside they prevent the passage from smoke and fire into the cabinet for at least 30 resp. 90 minutes.

Construction/Executions

- Empty fire protection housings with different sizes
- Fitted for the installation of standard panels or assembly plates
- Floor-standing cabinets to be mounted to a massive wall
- Wall-hanging cabinets to be mounted to a massive wall
- Multi-layer combination from non-combustible materials
- Circumferential elastic smoke and fire sealing system
- Ventilation system possible on request
- Floor-standing version with removable cover with adjustable levelling feet for exact alignment
- Cable entry from top, optionally from bottom, backwall or laterally



Applicability

Fire resistance duration of 30 resp. 90 min. was approved by fire tests with one-sided fire exposure („Fire from the outside“) according to DIN 4102-2:1977-09 („Fire behavior of building materials and structural elements“) and is certified with a general building approval „Allgemeine Bauaufsichtliche Zulassung“.



Technischer Brandschutz GmbH

Be Inspired by our Fire Protection Products

Do you think Fire Protection is boring?

SECURUS Fire Protection Products made by EAS offer an almost limitless scope of design, which enables you to adapt them easily to the individual requirements of your construction project.



Choose from an almost limitless amount of colours and decors, all in accordance with the high fire protection safety standards. The building materials we use for our **Revision Doors SECURUS RV** und **Fire Protection Cabinets SECURUS GH**, inclusive coating, are tested and classified according to DIN standard EN 13501-1 as follows: A2 (non-combustible), s1 (no/little smoke development), d0 (non dripping).

All coatings are characterized by high insensitivity, scratching resistance as well as moisture and thermal stability. This makes our products perfectly suitable for being used in all areas of decorative interior constructions.

The application possibilities of our certified **SECURUS Fire Protection Products** range from hospitals, laboratories, schools and kindergartens to airports, hotels, bankhouses and office buildings. In all those places where, apart from high safety requirements, high flexibility as regards to construction and design aspects are demanded.

Practical Example



Realization period:
2017 - 2019

Project:
Refurbishment of the fire-protection infrastructure as part of a comprehensive modernization at the premises of the Southwest Broadcasting Company SWR in Stuttgart/Germany.



Task Definition:
Exchange of the shaft closings made from sheet metal in front of the revision openings in the escape and emergency routes in the complete building.

Product Solution:
Flush-mounted revision doors **SECURUS RV-UPT** in different sizes and executions with a fire resistance duration of 90 minutes.

Special Features:
Surface execution in Onyx grey meeting the buildings' specified colour and design concept.

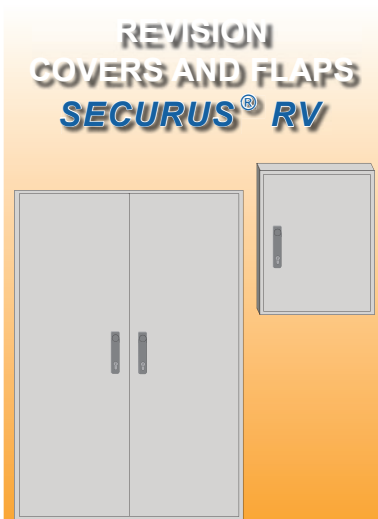
More Information

We should be pleased to send you our detailed documentation and/or to contact you in order to arrange a personal meeting.
Just fill in this form and return it to our fax-no. **++49/9346/92772-10** or send an e-mail to **info@eas-tb.de**.



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quickest way:*







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