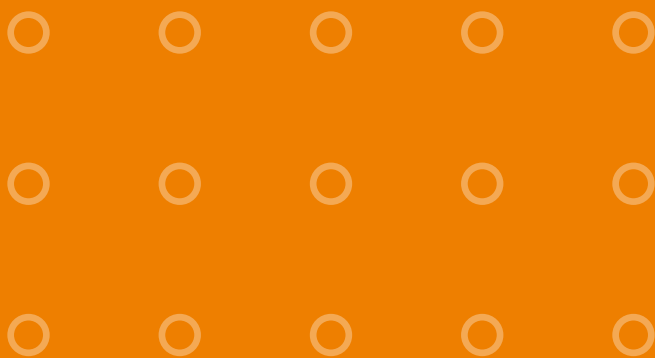


Safe electrical installation with OBO fire protection systems

Benefit from our international expertise in
passive fire fighting

BSS Fire protection systems



OBO
BETTERMANN

Protect yourself from the destruction wreaked by fire – with a system

Preventive fire protection is one of the most challenging and important parts of building project planning and realisation. A specialist for integrated fire protection systems, OBO offers a broad range of practical, easy installation and DIN 4102-approved fire protection systems for electrical installation. These systems guarantee to prevent or slow down the spread of fire. All escape and rescue routes remain usable, and the power supply to important safety installations such as emergency lighting, smoke extractors, etc., remain operable.

STEP 1

Restrict the fire

STEP 2

Protect the rescue routes

STEP 3

Maintain function

Integrated OBO fire protection systems

With German OBO expertise in use worldwide for passive firefighting



Limit damage – protect people

Electrical technology without preventive fire protection is no longer conceivable. The requirements for fireproof installations are growing all over the world, and especially in Europe. We squared up to this challenge a long time ago. As both a forerunner in function maintenance and MLAR systems and system supplier, we offer our customers the expertise required, and safety delivered by tested, innovative fire protection solutions.

Andreas Bettermann
Managing Director



Fire protection concepts for the insulation and installation of cable routing systems

Modern building installations are placing increasing demands on preventive fire protection at building intersections. Technical planners are obliged to design, and describe in detail, the required fire protection installations. Failure to execute these measures carefully will result in considerable risk to life and limb, property damage and liability risks for the technical planners concerned.



Clarification is required and crucial to survival.

Dipl.-Ing. Manfred Lippe
Expert in installation technology and preventive fire protection

OBO
BETTERMANN



**Moscow 27,000 fires
400 dead**

**London 55,000 fires
70 dead**

**Paris 20,000 fires
60 dead**

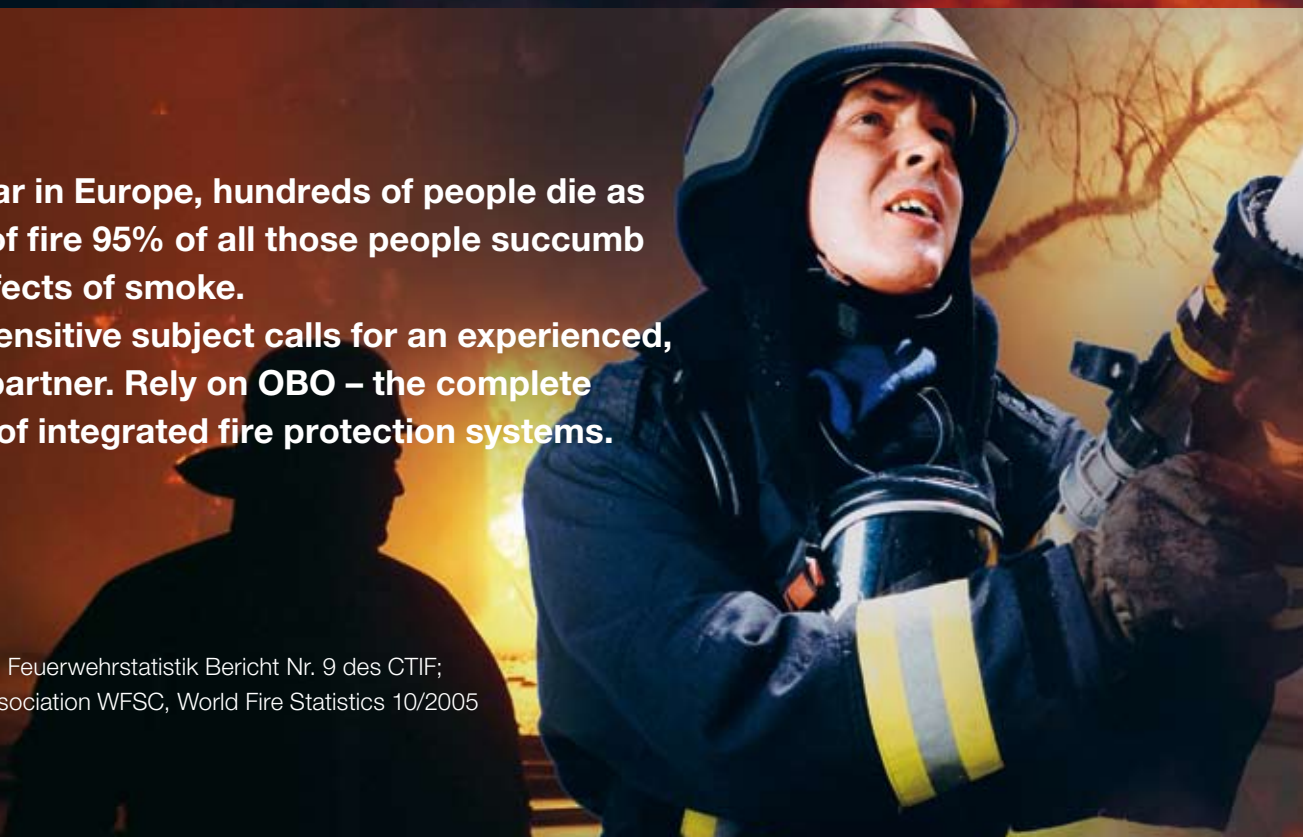
**Berlin 7,500 fires
30 dead**

**Property damage
estimated in billions ***

Every year in Europe, hundreds of people die as a result of fire 95% of all those people succumb to the effects of smoke.

Such a sensitive subject calls for an experienced, reliable partner. Rely on OBO – the complete supplier of integrated fire protection systems.




* As at 2001: Feuerwehrstatistik Bericht Nr. 9 des CTIF;
Geneva Association WFSC, World Fire Statistics 10/2005



Europe plays it safe with OBO

OBO's fire protection systems have offered the reliability of approved solutions in Germany and its neighbouring countries for years. Thanks to the long-standing collaboration of OBO fire protection experts with the relevant bodies of DIN, CENELEC, etc., the user can draw on state-of-the-art expertise. This expertise is also becoming increasingly accepted in Europe. Impressive testimony is OBO's involvement in the Intern-

ational European Standard for fire protection systems.

-  *In accordance with DIN 4102*
-  *Working towards DIN 4102*
-  *Acceptance of national standards and EN regulations*



As the leading manufacturer of integrated fire protection systems we look after your safety



References throughout Europe

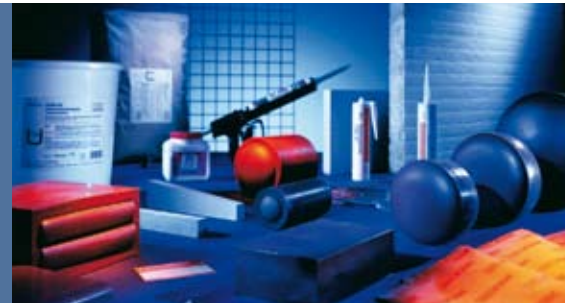
Germany	Lehrter railway station
Luxembourg	Dexia Bank
Belgium	Tunnel in Antwerp, Police station
The Netherlands	Hospital, Deventer
Switzerland	Tunnel construction, N3 transition Altendorf
Austria	Subway station, Vienna
Czech Republic	Sazka Arena, Prague
Slovakia	SCP paper mill, Ruzonberok
Bulgaria	Sofia airport



A I

Cable insulation systems

Mortar and cushion ballast, fire protection foam, ready assembled foam ballast and ready assembled panel insulator systems for reliable closing of wall and ceiling penetrations.



B I

Fire protection duct systems

OBO fire protection ducts for safe electrical installation in escape and rescue routes and for guaranteeing the function maintenance of safety-relevant electrical plants.



C I

Function maintenance systems

Function maintenance systems for guaranteeing the power supply to safety-relevant installations, such as emergency lighting and smoke extractors, in the event of fire.



D I

MLAR systems

OBO systems in accordance with MLAR regulations (Muster-Leitungsanlagen-Richtlinie) [Master Conductor Plant Directive] for electrical installation in escape and rescue routes.



E I

Fastening systems

Approved fastening elements for the fireproof fastening of installation systems – for the wall and ceiling mounting of electrical installations.



**Conducting electricity.
Routing data.
Controlling energy.**

VBS Connection and fastening systems

- Junction box systems
- Flush-mounted and hollow wall systems
- Clamped systems
- Cable screw-in systems
- Cable/pipe fastening systems, plastic
- Cable/pipe fastening systems, metal
- Cable/pipe fastening systems, special
- Flange clamp systems
- Rail systems
- U-clamps systems
- Screw-in and knock-in systems

TBS Transient voltage and lightning protection systems

- Surge protection systems
- Equipotential bonding systems
- Lightning protection systems
- Earthing systems

KTS Cable support systems

- Mounting systems
- Cable tray systems
- Mesh cable tray systems
- Cable ladder systems
- Wide span systems
- Vertical ladder systems
- Luminaire support systems
- Modular systems
- Stainless steel systems
- Function maintenance and MLAR systems

BSS Fire protection systems

- Cable insulation systems
- Fire protection duct systems
- Function maintenance systems
- MLAR systems

LFS Cable routing systems

- Cable routing duct systems
- Skirting duct systems
- Wiring duct systems
- Dado duct systems
- Dado covers and accessories
- Media columns

EGS Device systems

- Basic elements
- Electronic devices
- OBO BUS system
- Radio systems
- Standard range
- Dialog range
- Aura range
- Modul 45 range
- Compacta range
- Hospital technology
- Surface-mounted range
- Wet room range
- Cast aluminium range
- Data technology

UFS Underfloor systems

- Underfloor systems, screed-covered
- Duct systems in-screed, flush with floor surface
- Cavity and false-floor systems
- Device installation systems

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