



**PASSIVE FIRE PROTECTION PROFILE**

Our Partner:



*Protect your values.*

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## Who We Are

REDA Hazard Control is a part of the REDA Group, an international engineering and industrial services company.

REDA Hazard Control offers a full spectrum of end-to-end solutions for hazard control. Our areas of expertise include fire protection, safety, and security. We are a leading provider of fire protection services and safety systems & equipment. We also offer solutions that will improve and enhance your site security.

Our goal is to provide exceptional quality, tailored services, and continual support. We exist to protect the lives of people and the community in which we live and work. This is why we always strive for excellence in all that we do.

Our customers are at the heart of our business and we believe in working with you on a personal basis to ensure precision until you are completely satisfied. So when it comes to safety, rest assured... we have all the bases covered.

## What We Do

Established in 1986, REDA Hazard Control has been providing products, systems, and services to a wide variety of industries across the world. We specialize in the areas of fire protection, safety, and security.

Our dedicated team collaborates with leading manufacturers around the world. We combine their scientific and technological expertise with our wealth of contracting, installation, and service experience.

Whether large or small, REDA Hazard Control has the people, products, financial resources, and the expertise to handle your project from start to finish. We will evaluate a broad range of solutions to find what fits your needs.



## Who We Serve



## Engineering, Contracting And Consultations:

We have the capacity to design, supply, install, test and commission of all known fire Life Safety systems. Our professional team is well qualified and industry certified to design, engineer and implement systems across the spectrum we serve.

REDA Hazard Control offers:

1. Field engineering services to our prestigious project to determine on site solution to minimize the time required for any installation.
2. Quality control during the project execution.

## Inspection And Preventive Maintenance Services

REDA Hazard Control is committed to provide the highest level of inspection and preventive maintenance to the products and systems we have in our portfolio.

Our factory trained and certified technicians take pride in ensuring your products and systems are maintained according to manufacturers' standards and guidelines as well as the international codes having reference.

Our services comprise of:

- On-site inspections
- Preventive maintenance and corrective maintenance
- Hydrostatic pressure testing and recharging
- Calibration and certification

## Turnkey Projects

We have the capacity to manage and perform turnkey projects across the sectors we serve working with international Consulting Houses and EPC Contractors. In addition to the technical support provided by our world reputed partners, we have at our disposal the advanced planning, design and modelling technology. We have the right people, products, financial resources and expertise to manage and serve your complete turnkey projects, be it fire protection, security, life safety or emergency response related.

- Conceptualization, detailed design and the production of drawings.
- Supply and installation of a wide range fixed fire protection systems.
- Testing & commissioning of systems.
- Provision of As-Built documentation.



- 1 **Fire protection in the aviation industry**  
Fire protection solutions for (e.g.) planes with PYRO-SAFE® products
- 2 **Fire protection in the renewable energies sector**  
Fire protection solutions for (e.g.) wind power plants with PYRO-SAFE® and FLAMMADUR® products
- 3 **Damage restoration management**
  - Fire damage restoration
  - Natural disaster damage restoration
  - Contaminants damage restoration
  - Water damage restoration
- 4 **Fire protection in power plants**  
Fire protection solutions for (e.g.) nuclear power plants with PYRO-SAFE® and FLAMMADUR® products
- 5 **National product sales**  
Germany-wide sale of fire protection products through our partner B.I.O. Brandschutz GmbH
- 6 **Fire protection in ships**  
Penetration sealings for pipes and cables on ships with GEAQUELLO® and FLAMMADUR® products
- 7 **Fire protection in industrial environments**  
Fire protection solutions with PYRO-SAFE®, ROKU®, KERAFIX® and FLAMMADUR® products
- 8 **Fire protection in residential buildings**  
Fire protection and installation solutions for buildings with (e.g.) PYRO-SAFE® products
- 9 **Fire protection products and systems**
  - Research & development
  - Production
  - In-house quality monitoring performed by Reda Hazard Control, Rolf Kuhn, Flamro & AIK
- 10 **Fire protection in rolling stock**  
Fire protection solutions for (e.g.) trains with PYRO-SAFE® and FLAMMADUR® products
- 11 **International product sales**  
Distribution of all PYRO-SAFE® fire protection products via svt's global sales organisation svt Products GmbH
- 12 **Fire protection in motor vehicles**  
Fire protection solutions for (e.g.) buses with PYRO-SAFE®, ROKU®, KERAFIX® and FLAMMADUR® products
- 13 **Fire protection in public buildings**  
Special fire protection and installation solutions for public buildings, e.g. cable fire protection in escape and rescue routes with PYRO-SAFE® products
- 14 **Fire protection in tunnels**  
Installation of fire protection systems designed for safeguarding tunnels



## End-to-End Fire Protection Installation Services

Drawing on a wealth of specialist know-how in fireproofing (new or existing) residential buildings, industrial buildings and special buildings (such as hospitals, retirement homes, airports, shopping centres etc.), we offer an extensive array of services, ranging from standard fire protection options to highly customised one-off solutions. Our experts are committed to providing to-the-point advice and will answer any questions you may have – in the way you choose, and either off or on your premises.

### Cable, pipe and combined penetration seals

Whether penetrants need to be routed through solid walls, plasterboard walls or floors, whether a mortar-based penetration seal or a mineral fibre penetration seal is required for fire protection, whether the penetrants are cables, pipes or a cable/pipe multi-all mix – we will install both our own systems and products from other manufacturers expertly. Of course, we can also provide maintenance services for existing systems. In a nutshell: We will devise just the right solution to fit your specific scope of needs!

### Cable coatings and bandages

Depending on your requirements, we will apply fire protection coatings, assemble fire protection boards to form protective cable ducts, and/or we will protect your penetrants with cable bandages.

### Fire protection ducts and protective panelling

We are experts at fire protection panelling “across the board”: From careful assembly and fitting of protective cable ducts, via panelling of steel girders and ventilation ducts, down to fire protection panelling of shaft walls – we cover the entire range of services in this field.

### Sealing of joints and fire dampers

We install our own systems and products from other manufacturers with utmost care. If required, we will also provide maintenance services in and around the joints of your existing penetration seals.

Installation shaft backfilling

Installation shaft backfilling is an affordable option for fireproofing existing buildings. In the event of a

fire, it will effectively prevent both the fire and the smoke from spreading to other units of the building. Also, if you opt for this solution, you need not fear the inconvenience usually associated with on-site work.

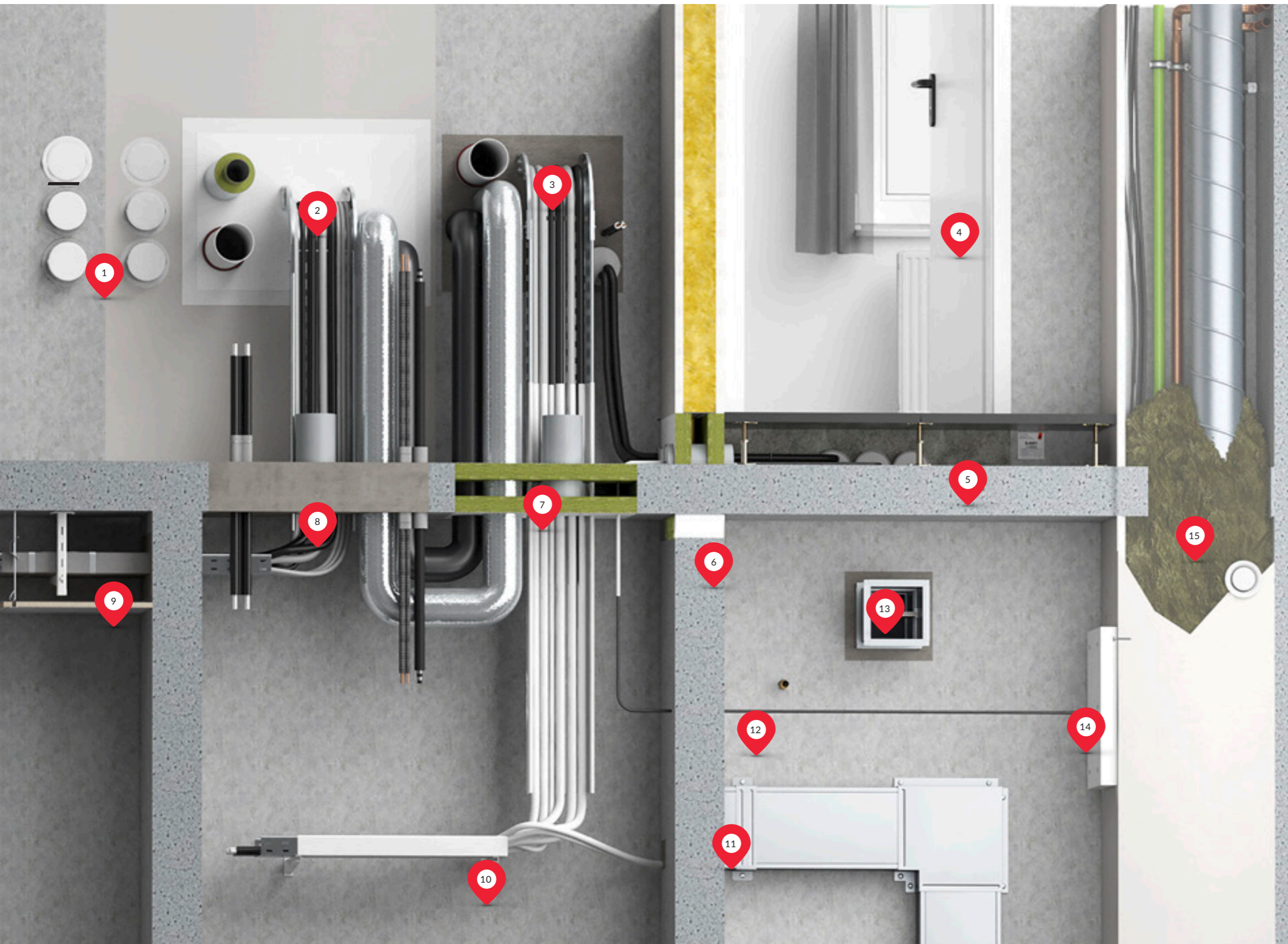
### Tailormade solutions

Standard systems cannot always fill the bill as installation environments and requirements may differ significantly from project to project. To be on the safe side, we prepare our fire protection concepts down to the last implementation detail and devise bespoke solutions that we subject to extensive testing in our in-house fire test facility for subsequent third-party assessment or approval by the local building inspection authority.

### The grinding process

Should your flooring materials contain asbestos-based adhesives, there is no need to worry: Thanks to our certified grinding method, any such materials will be removed safely and residue-free. The operation is carried out with a minimum amount of vibration and noise so that adjacent rooms can continue to be occupied for “business as usual”.

## Safety Has Many Dimensions: Installation Options at a Glance

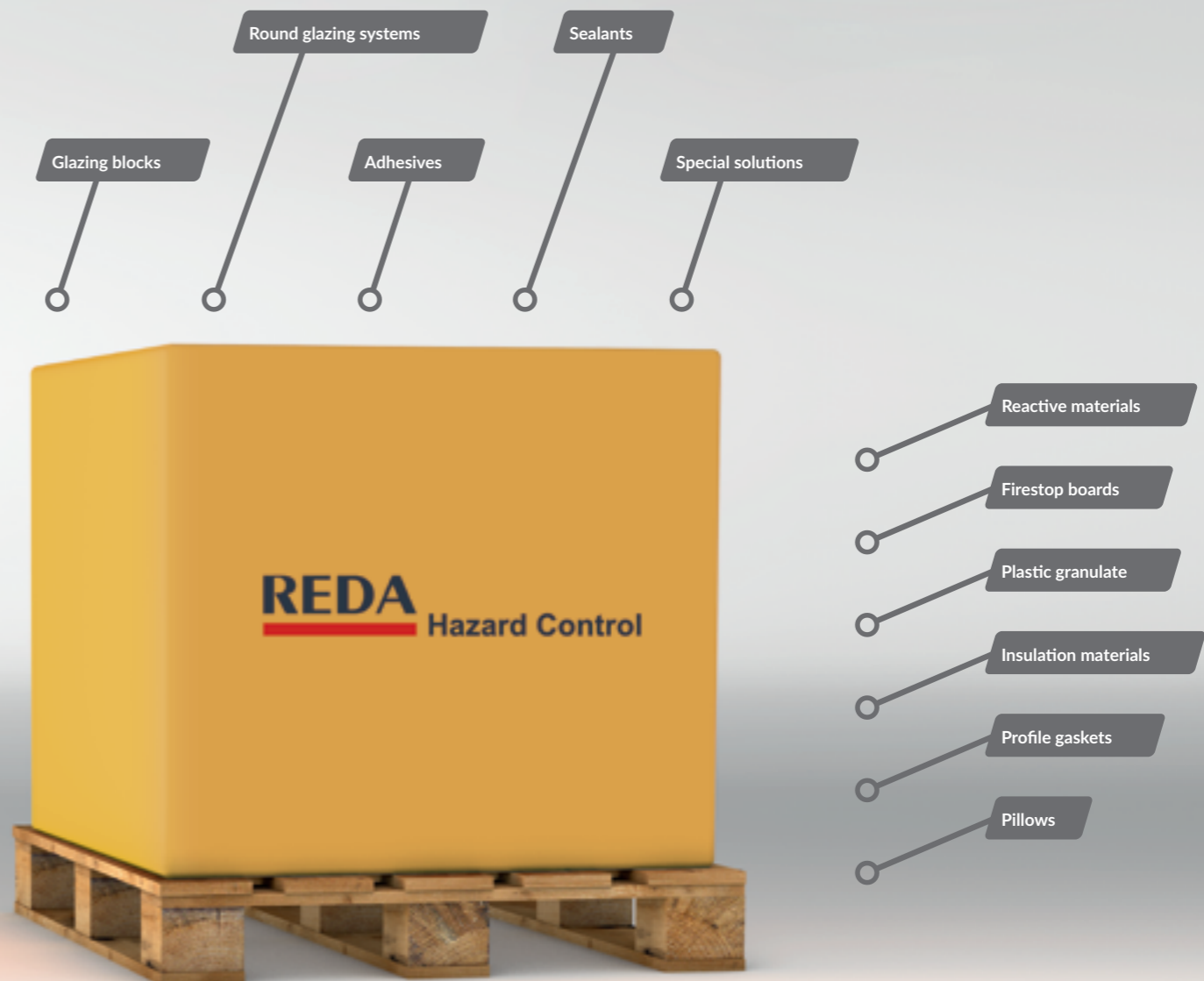


- 1 Cable penetration sealing solutions  
For example: PYRO-SAFE® CT Cable Tube
- 2 Mineral fibre penetration sealing solutions (wall)  
For example: PYRO-SAFE® Flammotect COMBI 90
- 3 Mortar penetration sealing solutions (wall)  
For example: PYRO-SAFE® Novasit COMBI 90
- 4 Installation of all types of fire doors
- 5 Raised floors  
For example: PYRO-SAFE® CT ML Cable Tube
- 6 Fire protection in and around joints  
For example: PYRO-SAFE® Joint Sealing System
- 7 Mineral fibre penetration sealing solutions (floor)  
For example: PYRO-SAFE® Flammotect double-layer
- 8 Mortar penetration sealing solutions (floor)  
For example: PYRO-SAFE® Novasit COMBI 90
- 9 Fire protection systems for cables  
For example: PYRO-SAFE® DG cable bandage
- 10 Cable coatings  
For example: PYRO-SAFE® FLAMMOTECT-A cable coatings
- 11 Fire protection ducts  
For example: Fire protection cable duct systems, e.g. installation ducts (rated for fire exposure from the inside)
- 12 Solutions in accordance with MLAR (German Model Conduit Systems Directive)  
Fire protection systems for combustible and non-combustible conduits and cables in accordance with MLAR/LAR (German Model Conduit Systems Directive / German Conduit Systems Directive)
- 13 Fire dampers  
For example: Feusilit FSK
- 14 Surface-mounted fire protection systems (single-sided installation)  
For example: PYRO-SAFE® Universal-V
- 15 Installation shaft backfilling

# Our Products – Working for Your Safety

Practice makes perfect: Our Partner boast over 50 years of experience in developing and manufacturing our own fire protection products, so we know first-hand what real quality is all about: diligence! The quality chain starts with the careful selection and meticulous inspection of raw materials and also covers proper sample storage. All our formulations are tested for compliance with a range of key parameters, such as effectiveness and environmental compatibility. If required, our formulations can be adapted to suit specific customer needs.

Our products work for your protection – in a tried, tested and trustworthy manner:  
**PYRO-SAFE®**   **ROKU®**   **KERAFIX®**   **FLAMMADUR®**  
**GEAQUELLO®**   **FLAMRO®**



## Put Your Safety in Good Hands – It's Worth It

In the event of a fire, there is no safety without expertly installed fire barriers and proper system interfacing. Therefore, our service teams will install not only our own fire protection systems with utmost care, but also systems from other manufacturers.

We at Reda Hazard Control are committed to devising bespoke solutions that really fit ... and work for you. When we come to your site, we will take the time and inform you about all feasible options. Preparing quality documentation to your requirements is also a matter of course for us.





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