



Protect what matters.







svt Group of Companies

Leading in passive fire protection, damage restoration management and fire protection planning



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Be Worry-Free With svt – Your Strong Partner in Passive Fire Protection, Damage Restoration and Fire Protection Planning



We all are the #TeamLifeProtectors.

For over 50 years, our svt Group of Companies ranks among Europe's leading manufacturers and service providers of passive fire protection products and systems, damage restoration and fire protection planning. We protect what really matters: Human life, values and property. For this we offer the most comprehensive portfolio of state-of-the-art fire protection products and industrial applications in Europe. With us you are always on the safe side! Our dedicated #TeamLifeProtectors, own production sites, research & development and testing furnaces at several European locations make certified standards, customised solutions and services from a single source possible.

We look forward to solving your challenges
and thereby protect lives.

Dr Jens Reiners and Frank Steiner
Managing Directors of svt Group of Companies



Welcome



... to svt – where expertise meets decades of experience

Ever since our company was founded way back in 1969, fire protection and damage restoration have been at the heart of what we do. Our commitment to the vital task of safeguarding people, their property and the environment from hazards reliably and with a long-term reliable perspective is what drives us to deliver products and services that make a difference.



... to svt's integrated safety concept

Whether you require in-house manufactured fire protection products or services – including thorough fire protection planning and organisation since 2020 – we cover the entire process chain to keep you safe. Also, you can rely on us in all matters relating to damage restoration. At svt, comprehensive and reliable management strategies are backed by proven products. Take our word for it!



... to svt's fast-response solutions that will really meet your needs – anytime, anywhere, anyway

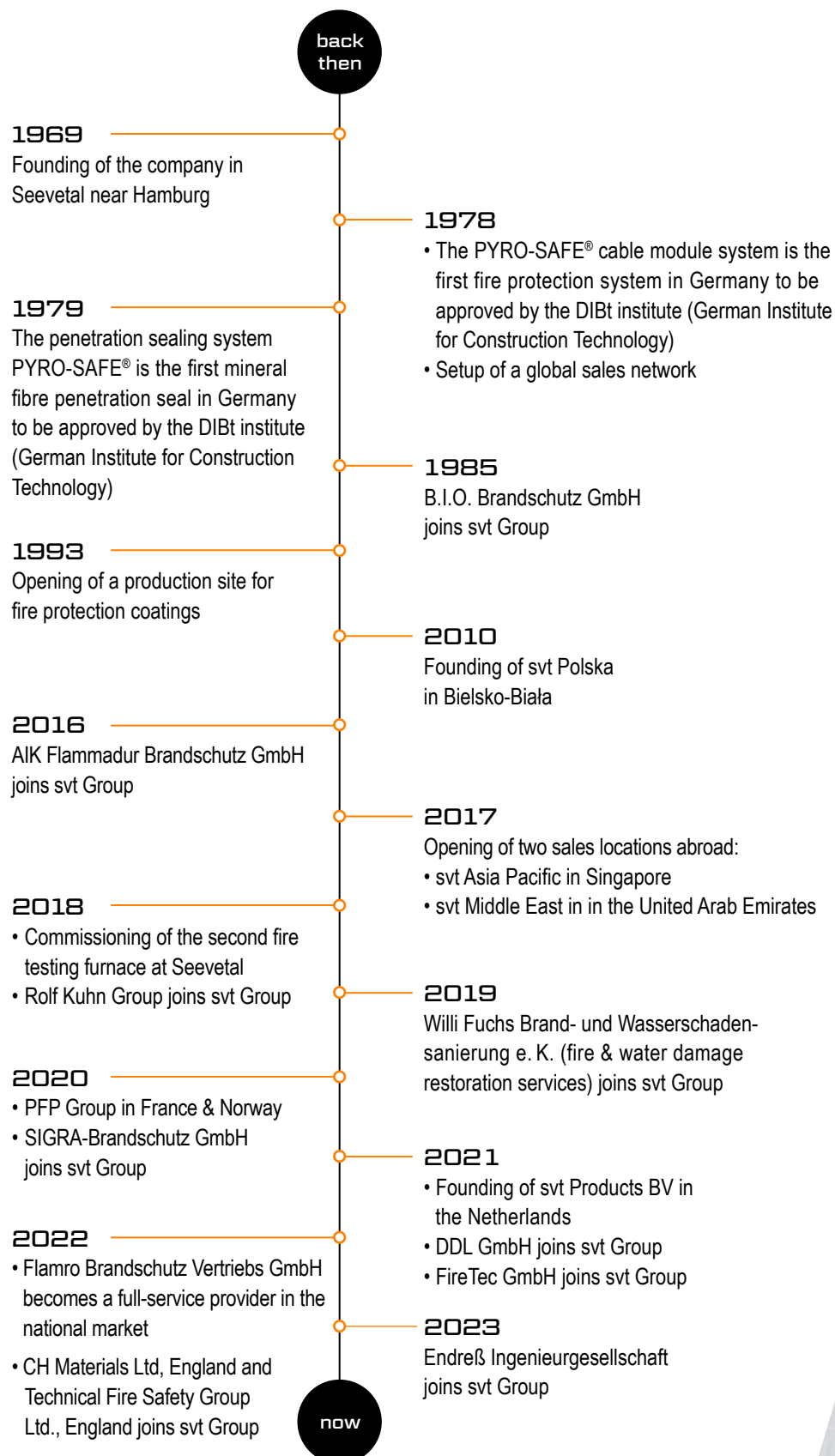
We stand by the principle of "Made in Germany", thus delivering to a consistently high quality standard that knows neither bounds nor boundaries! This stringent guiding principle is, therefore, also applied equally to our European production sites, research centres and technical departments. svt's commitment to quality is mirrored not only in the way we deploy materials and make our products fit for use, but is also reflected in svt's ongoing research and development activities that are conducted at various in-house R&D centres: Innovation is key at svt!



... to svt's sustainability approach

We care about you ... and about our staff: Therefore, all our products are manufactured in accordance with the latest worker health and safety principles – and with due regard to the environment in which we all live. From material deployment and production to on-site installation – the wellbeing of people and the environment matters to us.

Over 50 Years of svt – Over 50 Years of Solid Success



svt in Figures

Founding year



1969

Staff size



> 1,600

Scope of activities:

- Fire protection products and applications
- Fire protection services
- Damage restoration management
- Fire protection planning & organisation

Locations



> 60

Turnover
(in million euros)



> 300

Foreign subsidiaries:

- AIK Flammadur Brandschutz GmbH, Turkey
- CH Materials Ltd., England
- Fire Glass UK Ltd., England
- Firelab de Marly SAS, France
- Odice S.A.S., France
- Odice LLC, USA
- Pyroguard France S.a.r.l., France
- Pyroguard Netherlands B.V., Netherlands
- Pyroguard UK Ltd., England
- Rolf Kuhn Brandschutz GmbH, Austria
- Securo AS, Norway
- svt Asia Pacific Pte Ltd., Singapur
- svt Middle East FZE, United Arab Emirates
- svt Polska Sp. z o.o., Poland
- svt Products BV, Netherlands

Shareholder structure



77%

ERGON Capital

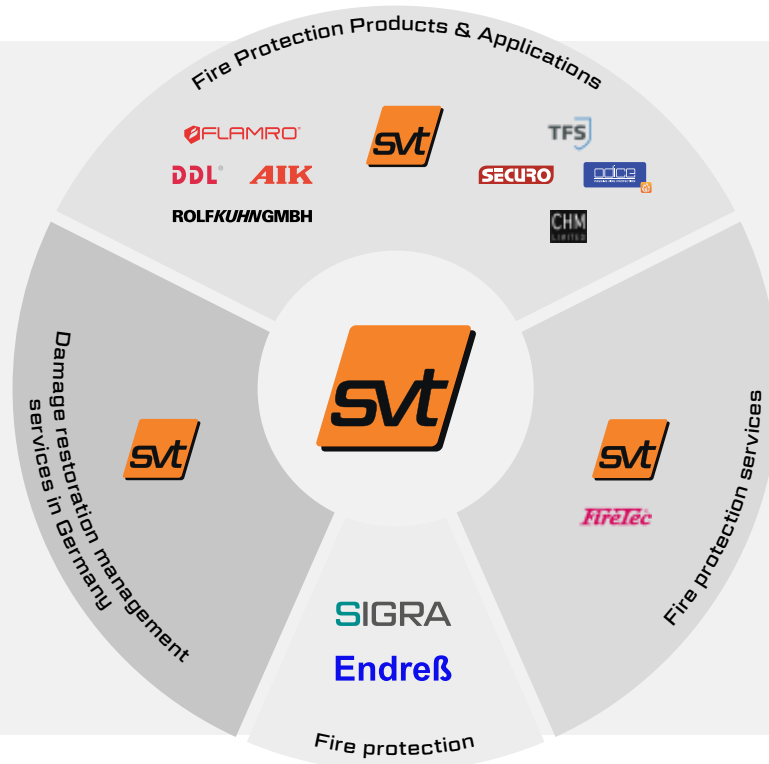
23%

Management

Selection of registered trademarks:

- FIREBREATHER®
- FLAMMADUR®
- FLAMRO®
- FLEXILODICE®
- GEAQUELLO®
- KERAFIX®
- PYRO-SAFE®
- ROKU®
- VENTILODICE®
- MORTON®
- PYROGUARD

Your All-Round Experts for Fire Protection, Damage Restoration Management and Fire Protection Planning



Our business units:



Fire protection products and applications



Fire protection services



Damage restoration management



Fire protection planning & organisation



We take care of your issue by providing end-to-end consultancy and management services. For sure!

Why Choose svt?

End-to-end support in all fire protection and damage restoration matters

The svt team boasts decades of experience combined with a genuine sense of empathy and a focus on to-the-point customer service. Thanks to our familiarity with case-by-case necessities and the appropriate next steps to take in each circumstance, you can rest assured that your project is in trustworthy hands at all times and that it will be managed in the best possible way.

In-house research, development and production

We at svt do not rest our laurels as a manufacturer of globally renowned products, but also conduct ongoing in-depth research and development at different locations with a view to creating market-relevant innovations and extensions to proven systems. With several in-house testing furnaces and numerous service centres in place, we can deliver optimum solutions to our clients in terms of efficiency, safety and fast response whenever and wherever needed. Regular quality control and inspection also matter to us, as does know-how transfer with the scientific community, including research institutes and universities. These priorities together form the strong foundation on which our group's innovation and progress are built.

Case-by-case solutions

svt offers Europe's most comprehensive portfolio of fire protection products, thus boasting a wealth of experience in the development of new and customised products. Thanks to several in-house production facilities, special solutions can be implemented reliably and fast. Wherever in the world our products, materials and systems are manufactured, the same stringent "Made in Germany" quality standards apply!



Research & Development

In the challenging field of fire protection technology, thorough research is the starting point and basis of any dependable, high-performing product or system. Our engineering department team use all their insight and innovative spirit to devise new materials, products and systems that excel across the board in an extensive range of sophisticated fire tests.

Customer-specific / one-off solutions

Customised product development for industrial environments is in high demand – and a need that we at svt meet by steadily expanding our capabilities and services in this area. Our focus over the recent years has been on aircraft, ships, railbound vehicles, façades, doors and glazing systems as well as on batteries and automobiles, to name but a few. All products and systems developed by svt not only meet a wide range of different fire protection requirements, but also excel in other specific conditions, including presence of combustible substrates. Furthermore, they exhibit exceptional weathering resistance and ensure savings in weight.



»Our mission is to make life easier for our clients by ensuring swift and hassle-free installation, a broader scope of approval as well as optimum product performance.«

Dr Jens Reiners, CEO of svt Group



In-house fire testing facilities

svt plays it safe, too: We have numerous state-of-the-art in-house fire testing facilities in place, where both R&D-centred experiments and special performance tests on existing products are conducted.

All insights gained from fire testing feed directly into our technological approach, thus ensuring highly efficient solutions – ranging from simple to highly sophisticated. When it comes to verifying specific aspects of performance, svt fire testing results may also form the basis for expert assessments or case-by-case approvals. Our furnaces are also used by collaborating partner companies that pursue fire protection development projects.

Once a product has been optimised to the level of marketability, it is submitted to renowned and accredited testing laboratories for regulatory fire testing and subsequent official approval by the appropriate authorities.

Tried and tested quality – for your assurance ... and safety

If you opt for svt, you can rest assured that you will receive top-notch products and services developed from a sense of global responsibility because we are committed to working in accordance with the latest worker health and safety principles and with due regard to the environment.

The consistently high standard to which we work is ensured and confirmed not only by our internal quality management processes, but also by in-house quality monitoring and third-party inspection of our production facilities as well as by our certification to SCCP and ISO 9001:2015 standards.

Enhanced expertise

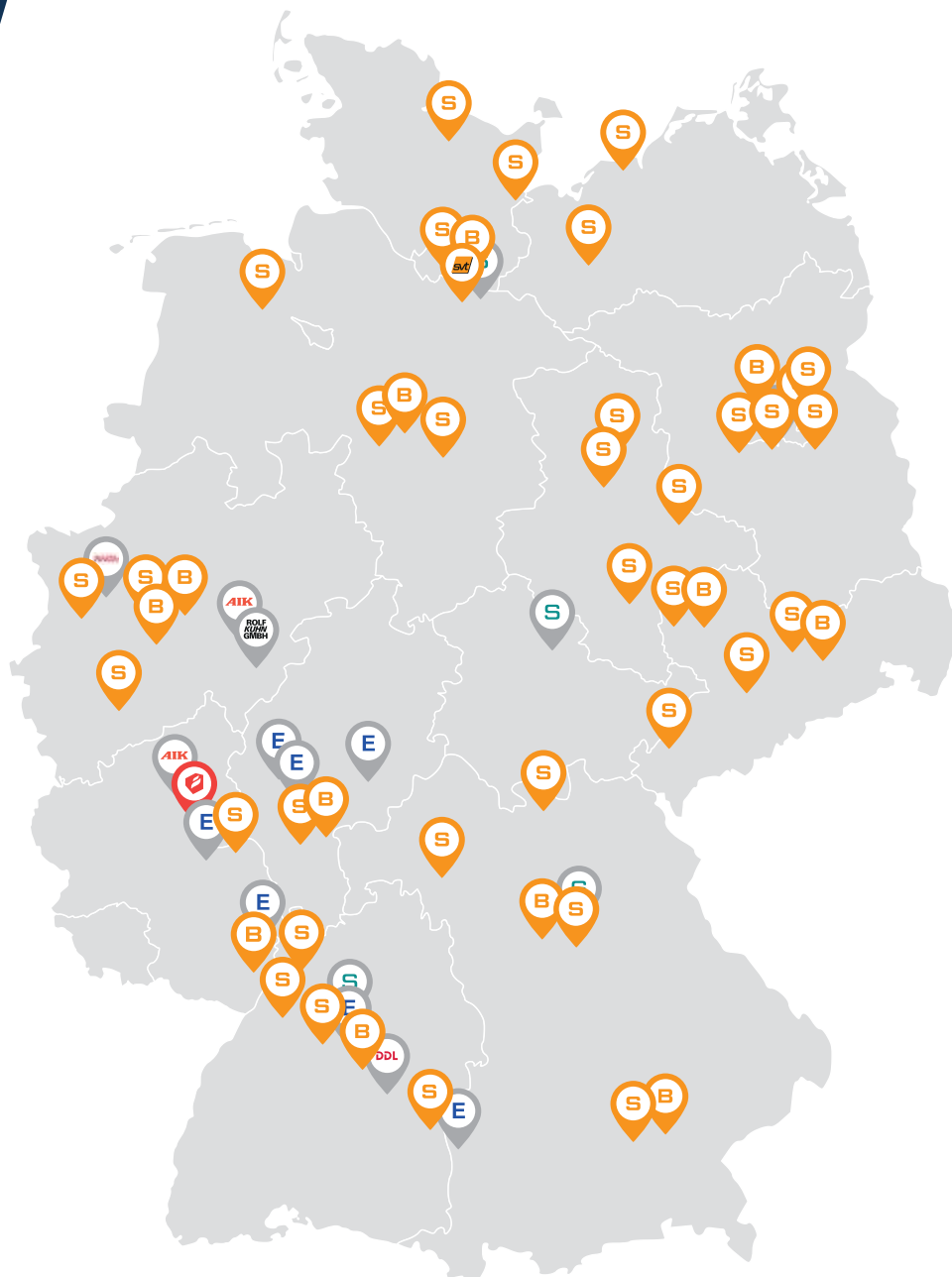
We are fully conversant with the state of the art in safety testing and keep expanding our capabilities by liaising with external professionals. In cooperation with TÜV Rheinland ACT, for example, we conduct ongoing in-depth research on fire protection materials and subject them to extensive fire protection testing at the organisation's cutting-edge test centre inaugurated in Aachen, Germany, in 2020.

At work around the world

svt International












svt has made a name for itself in the international marketplace, and our products are “in action” across the globe. They are sold on an international scale by our sales team. In other words: Wherever you are, we are, too!

- AIK Flammadur Brandschutz GmbH, Turkey
- CH Materials Ltd., England
- Fire Glass UK Ltd., England
- Firelab de Marly SAS, France
- Odice S.A.S., France
- Odice LLC, USA
- Pyroguard France S.a.r.l., France
- Pyroguard Netherlands B.V., Netherlands
- Pyroguard UK Ltd., England
- Rolf Kuhn Brandschutz GmbH, Austria
- Securo AS, Norway
- svt Asia Pacific Pte Ltd., Singapur
- svt Middle East FZE, United Arab Emirates
- svt Polska Sp. z o.o., Poland
- svt Products GmbH, Germany
- svt Products BV, Netherlands



svt National

Whether you need damage restoration management, passive structural fire protection or fire protection planning and organisation services: We are ready to serve you throughout Germany from over 50 office locations and several production sites.

- | | |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|  svt Holding GmbH (headquarters) |  FireTec GmbH |
|  svt Brandschutz GmbH |  Flamro Brandschutz Vertriebs GmbH |
|  svt Brandsanierung GmbH |  Flamro Brandschutz-Systeme GmbH |
|  AIK Flammadur Brandschutz GmbH |  Rolf Kuhn GmbH |
|  DDL GmbH |  SIGRA-Brandschutz GmbH |
|  Endreß Ingenieurgesellschaft | |

What We Do

1

Fire protection for aircraft

2

Fire protection for renewable energy facilities

Fire protection for ships

6

7

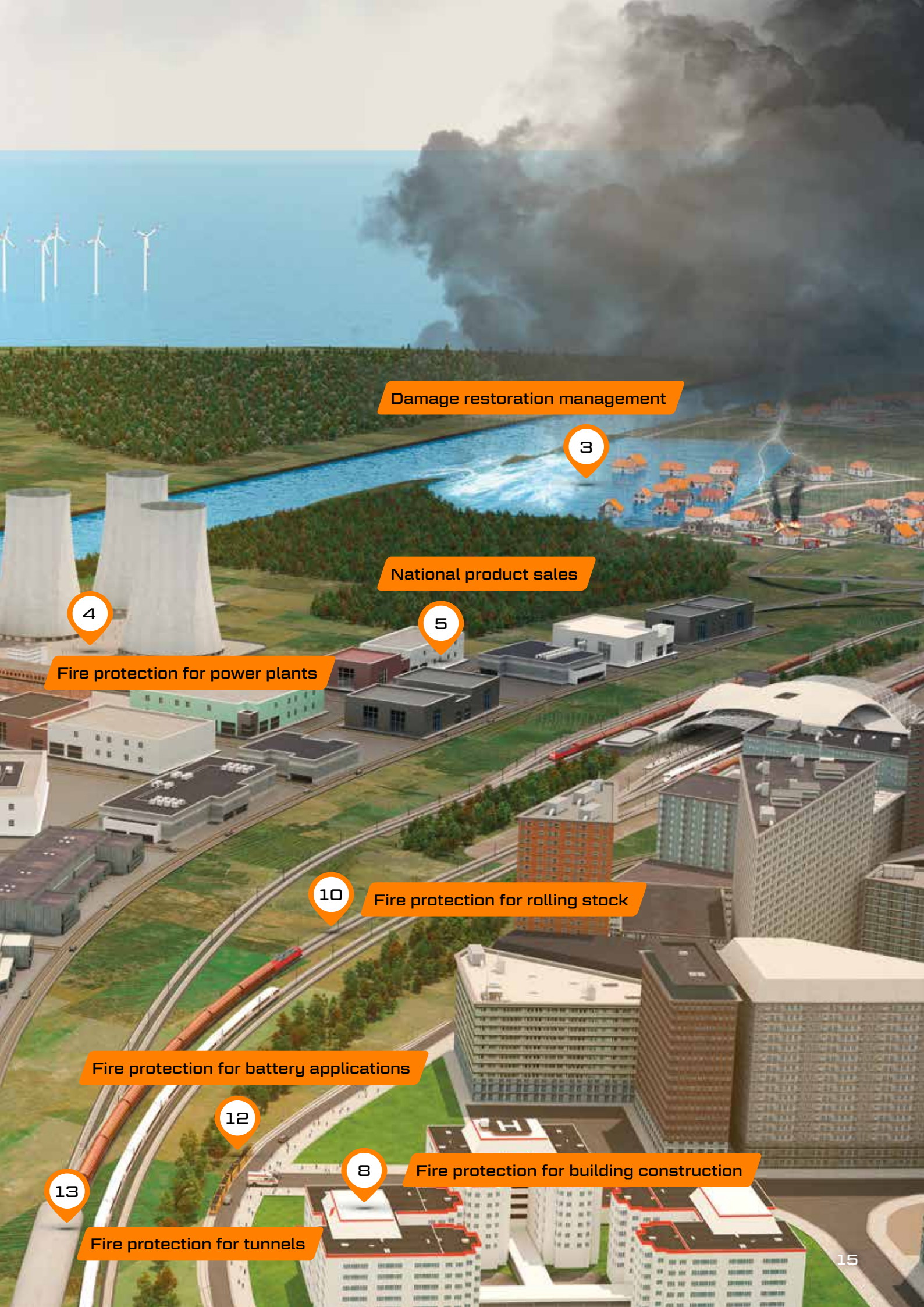
Fire protection for industrial applications

9

Fire protection products and systems

11

International product sales



Damage restoration management

3

National product sales

5

Fire protection for power plants

4

Fire protection for rolling stock

10

Fire protection for battery applications

12

Fire protection for building construction

8

Fire protection for tunnels

13



End-to-End PFP Services

Drawing on a wealth of specialist know-how in devising reliable fire protection solutions for (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 mixed 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-based 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, panelling of steel girders and ventilation ducts 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 and fire dampers.

Installation shaft backfilling

Installation shaft backfilling with high-performance sealing material is an affordable option for securing existing buildings against fire. In the event of a fire, the seal 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.

Customer-specific / one-off solutions

Some installation scenarios and environments call for solutions other than those provided by proven standard systems.

Therefore, we are always prepared to devise fire protection concepts with one-off details and bespoke overall solutions. Before they find their way to the client, they must prove their worth by undergoing extensive testing in our in-house fire test furnaces. Subsequent third-party assessment then provides the basis for the award of case-by-case approvals issued by the competent local building inspection authorities.

The svt 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”.

Dry construction

Dry construction is a time and cost-efficient option for adjusting existing rooms to new needs. At present, we are offering this service in the area of North Rhine-Westphalia only.

svt Installation Options – Very Varied

Fire protection bags
For example: PYRO-SAFE® Bag

17

16

Fire protection collars
For example: ROKU® System AWM II

1

Cable penetration seals
For example: PYRO-SAFE® CT Cable Tube

Mineral fibre-based penetration seal (wall)
For example: PYRO-SAFE® Flammotect COMBI 90

2

Your Safety in Good Hands

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 svt's own fire protection systems with utmost care, but will also attend to systems from other manufacturers.

We at svt 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.

9

Cable fire protection
For example: PYRO-SAFE® LS Cable Bandage

18

Fire protection bricks
For example: FLAMRO® BSB Fire Protection Bricks

19

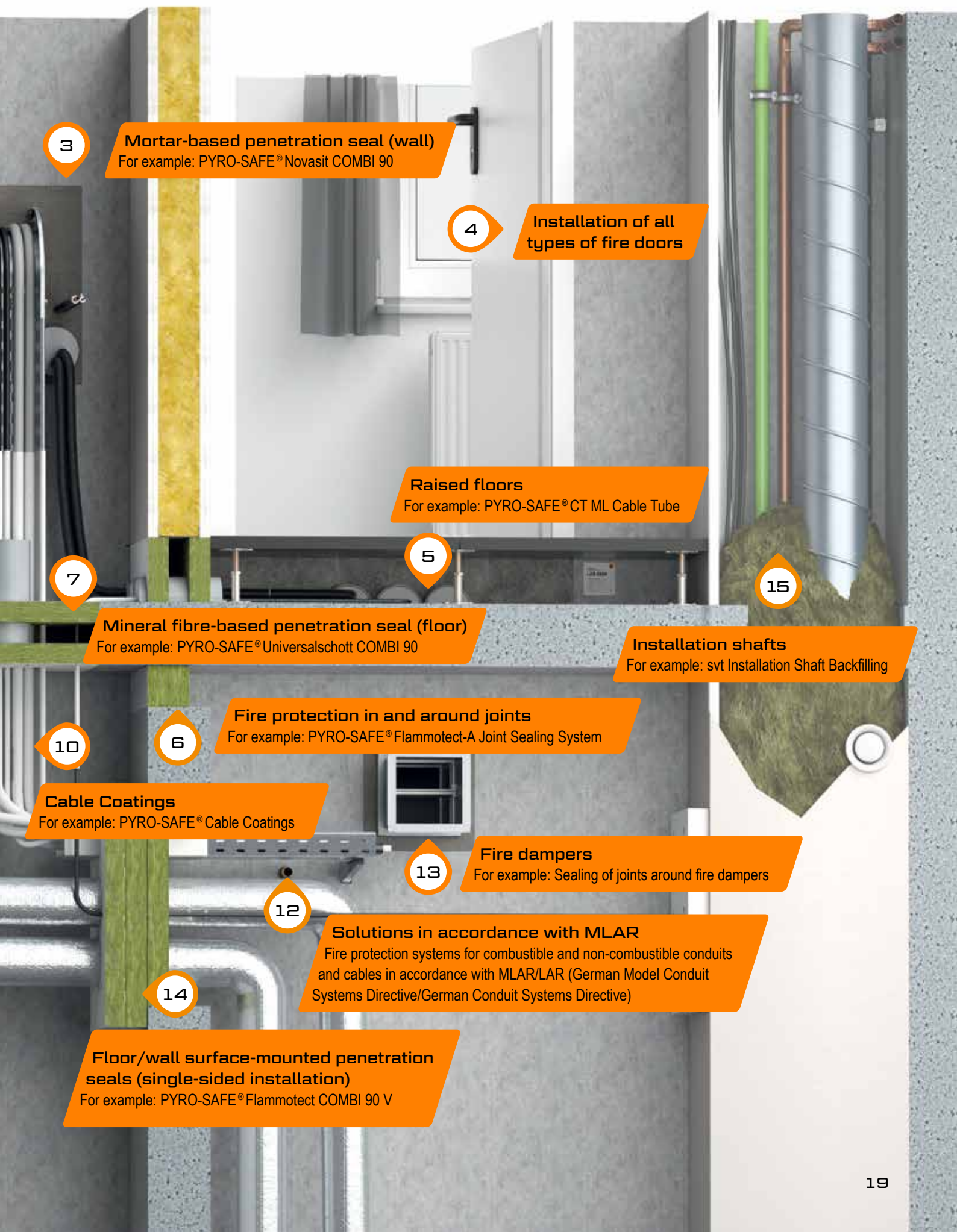
Cable module system
For example: PYRO-SAFE® CMS

8

Mortar-based penetration seal (floor)
For example: PYRO-SAFE® Novasit COMBI 90

11

Fire protection ducts and protective panelling
For example: Fire protection cable duct systems, e.g. installation ducts (rated for fire exposure from the inside)



3

Mortar-based penetration seal (wall)

For example: PYRO-SAFE® Novasit COMBI 90

4

Installation of all types of fire doors

Raised floors

For example: PYRO-SAFE® CT ML Cable Tube

5

7

Mineral fibre-based penetration seal (floor)

For example: PYRO-SAFE® Universalschott COMBI 90

15

Installation shafts

For example: svt Installation Shaft Backfilling

10

6

Fire protection in and around joints

For example: PYRO-SAFE® Flammotect-A Joint Sealing System

Cable Coatings

For example: PYRO-SAFE® Cable Coatings

13

Fire dampers

For example: Sealing of joints around fire dampers

12

Solutions in accordance with MLAR

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)

14

Floor/wall surface-mounted penetration seals (single-sided installation)

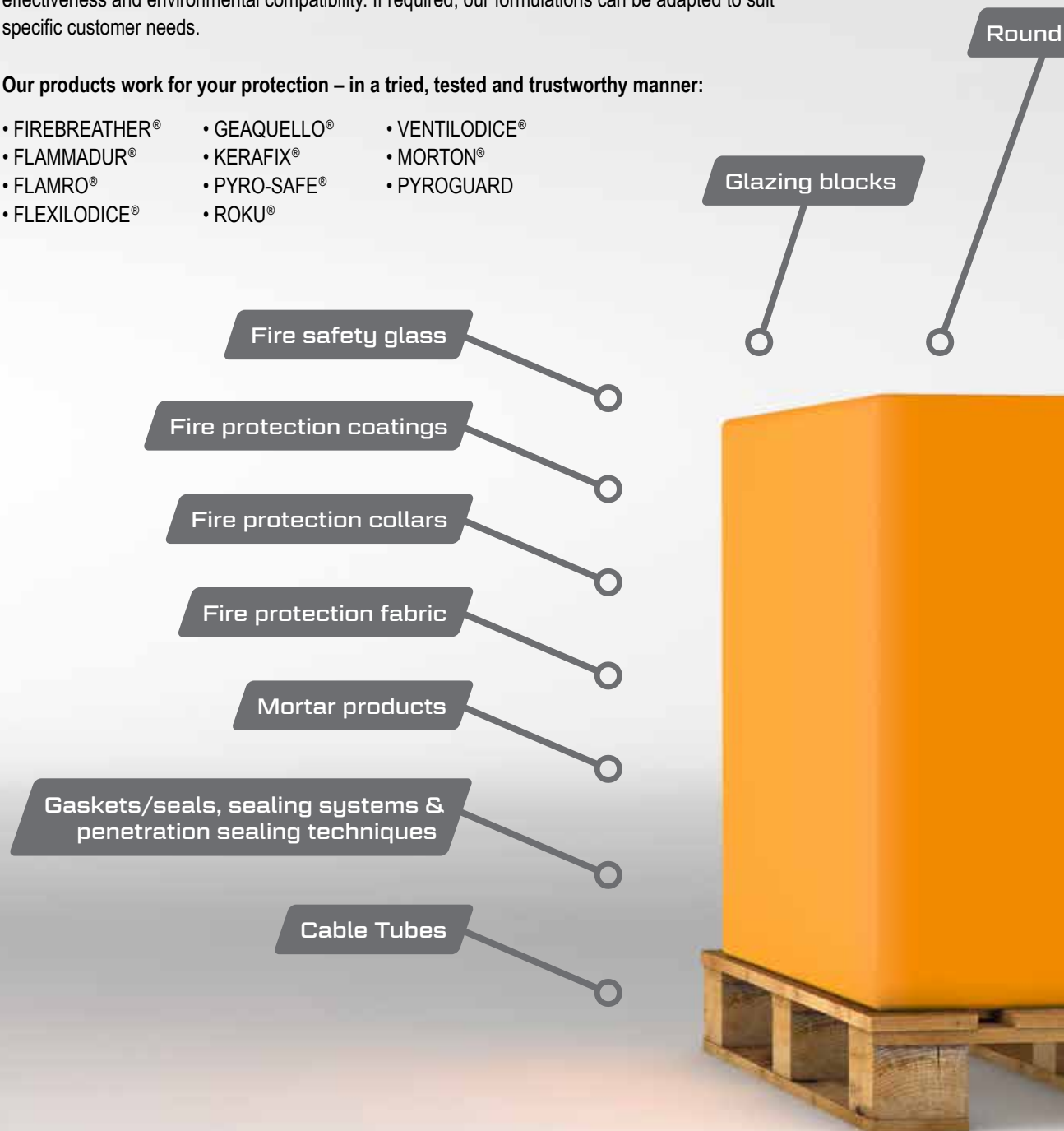
For example: PYRO-SAFE® Flammotect COMBI 90 V

Our Products – Working for Your Safety

Practice makes perfect: We 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. svt's 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:

- FIREBREATHER®
- FLAMMADUR®
- FLAMRO®
- FLEXILODICE®
- GEAQUELLO®
- KERAFIX®
- PYRO-SAFE®
- ROKU®
- VENTILODICE®
- MORTON®
- PYROGUARD



glazing systems

Sealants

Adhesives

Special solutions



- Reactive materials
- Firestop boards
- Plastic granulate
- Insulation materials
- Profiles
- Bags

Fire Prevention Solutions for Your Industrial Applications

The industrial domain is a vast field where made-to-measure fire prevention solutions need to comply with ever more stringent safety requirements. No two industries are alike, and neither are their site-specific requirements. Therefore, we work closely with our customers to develop tailor-made solutions that meet every single requirement on a case-by-case basis – whether it is rolling stock, the aircraft and aviation industry, façades, doors and glazings, ships, the conventional and renewable energy industries, batteries or automobiles, to name but a few. We thrive on our clients' complex challenges and deliver exceptional results.

Would you like to see for yourself? Then please share your project with us – we will also find the answer to YOUR special challenge!



Construction

Integrated solutions for air supply and extraction systems as well as for façade fire protection.



Energy

All-round fire protection for the entire plant.



Aviation

Fire protection solutions for all types of aircraft and air traffic environments.



Ships & Offshore

Fire protection systems for the specific requirements of ships and offshore infrastructures.



Doors & Glazing

Fire protection solutions for building services systems, doors and the glazing industry.



Rolling Stock

Heavy-duty fire protection for rolling stock whatever the speed.



Battery Safety

Fire protection solutions meeting ever more stringent standards in a dynamic market.



Renewable Energy

Protection of buildings and technological equipment from the hazards of fire, gas, electricity, biological substances and liquids.

Fire Protection & more

We at svT look ahead and think beyond the limited box of standard fire protection. Your challenge is our motivation, and our motivation will keep you safe.



Feeling downcast after
a damage event?

Let us straighten
you up again!

Your Expert Partner in Damage Restoration

For over 50 years, svt has also made a name for itself as a reliable all-in-one service provider in the field of damage restoration. We offer this service only in Germany with a nationwide network. Whether you need help with damage from fire, water, contaminants or natural hazards: We care. And we manage. From on-site damage inspection and submission of a non-binding quote for damage restoration, smooth coordination of all required activities and trades to be involved, to complete damage restoration and final acceptance of the site – we offer the whole range of services from one single source.

Thanks to our nationwide network of service locations, we will be close to you wherever you are and can thus guarantee comprehensive local support in the event of damage. Our damage reporting hotline is at your service 24 hours a day.



Damage from fire

Analysis: After assessing the type of damage in accordance with VdS 2357 (Guidelines for Fire Loss Restoration), we will first undertake swift damage mitigating measures. In the next step, we will remove, in an environmentally compatible way, any byproducts left by the fire.

Restoration procedure: Depending on the identified damage profile, we will implement the appropriate restoration method. In doing so, we will seek close cooperation with the claims adjuster and the appointed experts, if any.

Specialisation: Our focus is on manual methods, ranging from aspiration and ultrasound via blasting processes down to special techniques, such as phosphatising of corroded metallic surfaces in cases where reinforced concrete building elements exhibit major chloride contamination.

Further measures: To remove odour pollution, we use a variety of methods, including the singlet oxygen method, the ozone method or dry fogging with essential oils.



Damage from water

Analysis: Each water damage restoration process starts speedily with a thorough damage survey by our experts, who will also undertake first damage mitigating measures and devise a plan for further action.

Restoration procedure: We will ensure rapid and successful restoration of your water damage, whether the damage is due to burst pipes, extinguishing water or other issues. Also, we will take care of coordinating the trades involved in the restoration process and maintain contact with the people affected by the water damage.

Leakage: Leakage source localisation requires particular care. We proceed efficiently in each case, making sure to keep intervention on the building structure to the smallest minimum possible, e.g. by using thermographic or endoscopic techniques.

Immediate measures: We will check the electrical system, install a containment barrier to separate the affected areas from the non-affected areas, pump out the residual water and ensure protection of the affected inventory.



Damage from contaminants

Identification: We are experts not only at determining the presence and type of contaminants with the help of specific measurement and analysis methods, but also at assessing their impact on the environment and people.

Analysis: The insights gained from the identification process guide us in the selection of the appropriate method of contaminant damage restoration.

Restoration procedure: We offer the entire range of services – from damage survey via action planning down to implementation of all required restoration measures – as an integrated and thus affordable one-stop solution. Contaminant damage restoration by svf is both efficient and successful, and we always work to reduce contamination levels to below the legal limits.

Specialisation: Our certified grinding method allows us to remove asbestos-based adhesives from any mineral substrate – safely and residue-free. Grinding is carried out with a minimum amount of vibration so that adjacent rooms need not be vacated, but can be used as usual while restoration work is in progress.



Damage from natural hazards

Experience: We are specialised in restoring damage caused by natural hazards – e.g. damage from hail, storm, flood, inundation or snow pressure – efficiently and in a way that leaves nothing to be desired. We are conversant with the relevant statutory provisions in force and are holders of all pertinent certificates of competency.

Handling: From prompt damage mitigating actions to complete damage restoration: We guarantee professional and efficient project management. We never use a “cookie cutter approach”, but rather identify the steps to take not only in light of the cause of the damage, but also in meticulous alignment with the specific conditions of the site.

Restoration procedure: As soon as restoration works can begin, we will first build a picture of the situation and then take on-the-spot measures. Depending on the circumstances of the case, these measures may include static safeguarding of the building or disconnecting of supply lines.

Further measures: We will also ensure separation of the affected areas from the non-affected areas by installing containment barriers, and we will take steps to protect the affected inventory.

svt – Your Anywhere, Anytime Problem Solver

If you opt for svt, you can rely on a strong partner by your side in all matters relating to the restoration of damage, whether resulting from fire, water, contaminants or natural hazards. We will take care of your needs and help you get back to normal – in a quick, straightforward and empathic way. In other words: Our people are committed to working for your best outcome.

We at svt have the expertise and equipment to restore your building to the pre-damage condition in the shortest possible time, thus ensuring speedy return to operation, reletting or reuse.

Damage restoration figures that speak for themselves:

svt boasts **35** locations germanwide so wherever you are, we won't be far.

With a staff of **400** people specialised in damage restoration management and a 24-hour reporting hotline, we are at your service anytime and anywhere.



24-hour damage reporting hotline



**Find out more about svt:
svt-sanierung.de**



This service is only available in Germany.



We are a strong team – and we're here to help.



Better Safe Than Sorry: Tips for Damage Prevention

Tip No. 1: Use devices that carry an approval mark

Many fires are caused by malfunctioning or overloaded electrical equipment. The risk of fire can be significantly reduced by the use of devices that carry an approval mark, e.g. CE, VdS or GS.

Tip No. 2: Do not overload sockets or electric lines

Be sure to never cascade (series-connect) multiple socket strips. Always replace a device if its cables exhibit brittle insulation or loose contacts.

Tip No. 3: Use a lightning conductor

Outdoor lightning protection systems and indoor three-level lightning protection systems act as a safeguard against fire and provide protection from overvoltage.

Tip No. 4: Keep an eye on the water metre

If the water metre continues to move when no one is using water in the house, this may be a sign of a leak. A drop in water pressure may also be a symptom of a leak in the line.

Tip No. 5: Use water leak detectors

Water detectors work in a way similar to smoke detectors. They are equipped with sensors capable of detecting unusually high levels of humidity. If humidity exceeds a certain limit, they will sound an alarm. Some water detectors can even send an instant notification of the alarm to your smartphone.

#TEAMLIFEPROTECTORS



Protect what matters.

svt Group of Companies

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