



Protect your values.

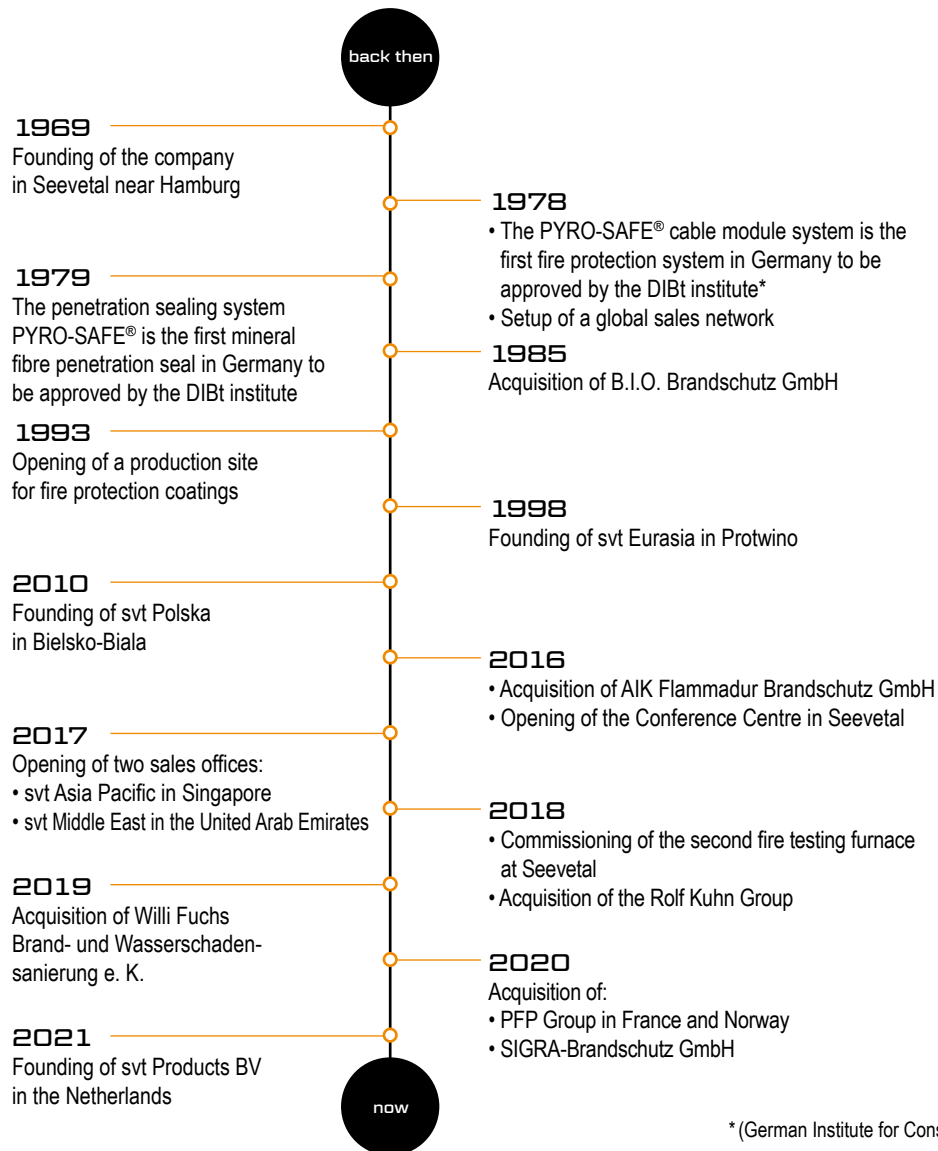


Passive Fire Protection for Asia Pacific

Reliable products and customised solutions – Made in Germany

svt – Your Full-Service Provider for Passive Structural Fire Protection

The svt Group of Companies has been one of the leading full-service providers in the area of passive structural fire protection for more than 50 years. We offer an extensive portfolio of state-of-the-art fire protection products and applications worldwide. Our own research & development, production and furnaces at five locations as well as international branches and a partner network covering 50 countries make comprehensive support possible on the basis of certified fire prevention solutions, which can be tailored to your individual market requirements if required. This makes us a powerful partner for your success!



*(German Institute for Construction Technology)

Facts & Figures:

Founding year: 1969
 Staff size: > 900
 Turnover: > 200 million Euro
 Locations: > 50
 Production sites: 7

Foreign Subsidiaries:

- svt Polska Sp. z o.o
- svt Eurasia AO
- svt Asia Pacific Pte Ltd.
- svt Middle East FZE
- svt Turkey: AIK, Çorlu
- svt Austria: Rolf Kuhn, Hofkirchen
- svt Products BV, Netherlands
- Odice SAS, France
- Odice LLC, United States
- Securo AS, Norway

Registered Trademarks:

- FLAMMADUR®
- FLAMRO®
- FLEXILODICE®
- Firebreather™
- GEAQUELLO®
- KERAFIX®
- PYRO-SAFE®
- ROKU®

Reliable Solutions for all Your Needs

Whether you require fire protection solutions for residential structural engineering or industrial construction projects, infrastructure, energy, aviation, ships, rolling stock, fire protection doors, batteries or customised industrial applications – svt is your reliable partner of choice.

Industry

Proven applications in industries such as mining, cement, pulp & paper and chemicals



Energy

Solutions for conventional and nuclear power plants, renewable energy as well as substations and utility tunnels



Construction

Commercial and residential buildings, hospitals, airports and other infrastructure projects



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



Rolling Stock

Heavy-duty fire protection for rolling stock whatever the speed



Battery Safety

Fire protections that keeps pace with a rapidly growing (e-mobility) market



Doors & Glazing

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

Fire Protection Products and Solutions

Tailor-made systems, products and services always guarantee our customers the best fire protection solutions. Our products and systems are tested and approved according to a large number of national and international, cross-departmental or industry-specific standards (e. g. UL, FM, EN, BS, Warrington Certifire or DNV GL).

Cable Protection



**PYRO-SAFE®
FLAMMOTECT-A Cable Coating**

An ablative, water-based coating that inhibits the fire.

- Weather, water and UV light resistant
- Resistant to a wide range of chemicals
- Can be applied by brush, roll or airless spray gun
- Highly flexible, maintenance free, solvent free
- Material lifetime > 15 years
- Tested according to
 - FM3971
 - IEC60332-3-22 Cat.A
 - IEC60331-21:1999, up to 180 minutes
 - Flame temperature >1,000 °C




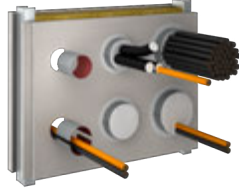


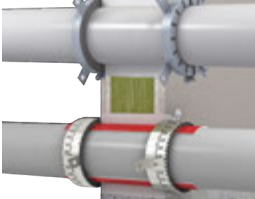
**PYRO-SAFE®
DG-CR 0.7 Cable Bandage**

Highly effective cable bandage that encapsulates and inhibits fire spread in cables, cable bundles and cable trays.

- No cleaning of cables required, thus also suitable for highly contaminated environments
- Fast and easy installation without specialised equipment
- Weather, water and UV light resistant
- Resistant against a wide range of oils and chemicals
- Tested according to
 - FM3971
 - IEC60332-3-22 Cat.A
 - IEC60331-21:1999, up to 180 minutes
 - Flame temperature >1,000 °C



Fire Protection Systems

 <p>PYRO-SAFE® Mixed Penetration Sealing Systems</p>	<p>Penetration seal systems that can be installed in floors, solid walls, light weight partition walls for cables, cable trays, combustible and non-combustible pipes, air ducts and dampers, air conditioning piping and various other services.</p> <ul style="list-style-type: none"> • Available as mortar, mineral fibre and hybrid system • Suitable for large openings, easy installation and re-installation • Good sound insulation properties • Aging resistant • Tested according to EN 13501, UL 1479 and BS 476 for fire ratings of up to 4 hours
 <p>PYRO-SAFE® CT / CT-ML</p>	<p>Fire rated cable tube for existing and new electrical installations in floors and walls as well as under elevated floors.</p> <ul style="list-style-type: none"> • Snap-on mechanism for easy installation for new and existing cables, cable bundles and electrical conduits • Can be installed empty for subsequent installations or with a filling rate of 100 % • Tested according to EN 13501, UL 1479 and BS 476 for fire ratings of up to 2 hours
 <p>PYRO-SAFE® Joint Sealing System</p>	<p>Linear joint sealing and fire barrier made of e. g. mineral fibre boards and an ablativ coating for horizontal and vertical joints between solid walls and floors.</p> <ul style="list-style-type: none"> • For joints up to 200 mm • Easy and reliable installation • Installation with limited access from one side possible • Paintable with dispersion coating • Tested according to EN 13501, UL 2079 and BS 476 for fire ratings of up to 2 hours
 <p>PYRO-SAFE® DG-SC</p>	<p>High-grade intumescent sealant for electrical installations as well as combustible and non-combustible pipes in floors, solid walls and light weight partition walls.</p> <ul style="list-style-type: none"> • Suitable for single cables with an outer diameter of up to 21 mm and cable bundles with an outer diameter of up to 180 mm • Suitable for variety of combustible pipes with an outer diameter of up to 110 mm • Easy installation with low material consumption • Resistant to moisture, UV light and subsequent coatings • Tested according to EN 13501 for fire ratings of up to 2 hours
 <p>ROKU® Systems Collars</p>	<p>Fire protection collars made of high-performance intumescent material for combustible pipes in floors, solid walls and light weight partition walls in wet and also moist environments.</p> <ul style="list-style-type: none"> • Available as fixed-size, ready to use collars and endless collar system • Can be used with insulated and sound isolated pipes • Available for standard pipe sizes of up 400 mm diameter • Custom made collars for pipes with a diameter > 400 mm are available • Tested according to EN 13501 and BS 476 for fire ratings of up to 4 hours

References

Our fire protection products are successfully used in many areas and industry sectors e. g. in residential and commercial buildings, factories or power plants.

Countless projects all over the world have been successfully carried out with our fire protection products. Next to the ease of use the svt products are characterised by their very high quality and economic application.



Siam Cement Group Thailand

Project: Various cement plants in Thailand and Cambodia
Products: PYRO-SAFE® FLAMMOTECT-A Cable Coating,
PYRO-SAFE® Flammotect Penetration Seal Systems
Application: HV and MV cable protection, building entry fire protection system
Standard: IEC60332-3-22 Cat.A, EN1366-3



Tenaga Nasional Berhard (TNB) Malaysia

Project: Electrical substations in Penang and Kedah state
Product: PYRO-SAFE® FLAMMOTECT-A Cable Coating
Application: HV and MV cable protection
Standard: IEC60332-3-22 Cat.A



The Exchange 106 Tower, Kuala Lumpur Malaysia

Project: MV power distribution in high rise building
Products: PYRO-SAFE® DG-CR 0.7 Cable Bandage
Application: MV cable protection
Standard: IEC60332-3-22 Cat.A, IEC60331-21:1999



Manjung Power Plant Malaysia

Project: Cable protection at coal handling units
Product: PYRO-SAFE® DG-CR 0.7 Cable Bandage
Application: HV, MV and control cable protection
Standard: IEC60332-3-22 Cat.A



Primary Steel Plant, Victoria State Australia

Project: Cable protection
Product: PYRO-SAFE® DG-CR 0.7 Cable Bandage
Application: HV, MV and control cable protection
Standard: IEC60332-3-22 Cat.A



Rafineria des Sines Portugal

Project: Cable protection at petrochemical plant
Product: PYRO-SAFE® FLAMMOTECT-A Cable Coating
Application: HV, MV and control cable protection
Standard: FM3971



The svt Product Guide

Find the right fire protection solution quickly and directly online.
With the svt Product Guide, we provide you with a practical tool for simplifying the complex decision-making process relating to passive structural fire protection and guide you step by step to the right fire protection system for your individual requirements.

You can find the svt Product Guide at: svt-global.com/productguide/





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