



STAY ON THE SAFE SIDE

**Safeguard hotel occupants
and assets with passive
firestop solutions**



PROTECT YOUR GUESTS AND STAFF

Hotel guests want to feel comfortable and safe at all times during their stay. Reliable protection from fire and smoke gives you, your staff and your guests the peace of mind that their safety has been carefully considered. Active and passive firestop measures should be the highest priority in any hotel.



A RISKY ENVIRONMENT

Due to the dense concentration of people, valuables and combustible interior furniture, the probability of fire outbreaks in hotels is much higher than in other building types.

The uncontrolled spread of fire and smoke endangers all occupants, while also damaging the structure and fit-out. In extreme cases, this can mean long-term closure for clean-up and repairs, or even the total collapse of the structure.

DECLARE WAR ON FIRE AND SMOKE

When it comes to minimizing the effects of fire, using an effective combination of systems and solutions is required.

Passive fire protection, such as cavity sealant and cable collars, is often overlooked in favor of active systems such as sprinklers and alarms. However, passive measures form a vital physical barrier to contain fire and smoke at their point of origin.

BOOST SAFETY FOR GUESTS AND ASSETS

If the worst should happen, reliable containment of fire and smoke helps to keep your staff and guests out of danger and minimize operational disruption.

Furthermore, strong and verifiable fire safety measures protect your brand and reputation after an incident.

SAVE COSTS IN THE LONG TERM

With more than 25 years of experience in this field, Hilti is one of the leading suppliers of high-grade, easy-to-use passive firestop systems.

We know the potential risks in hotels. Our solutions apply time-tested expertise to save lives, protect assets and improve your buildings' performance.



“Over 50 % of fire deaths don’t occur in the place of the fire origin, but are due to smoke, toxic gases and spreading flames.”

A comprehensive fire protection system consists of three key elements – the effective detection, suppression and containment of fire and smoke.

MORE RISKS THAN YOU CAN COUNT

Modern hotels are a dense hub of rooms and technical equipment, all of which can present a fire hazard. Fire and toxic gases can rapidly spread through the whole building via penetrations in walls, ceilings and floors.

SEPARATED, ...

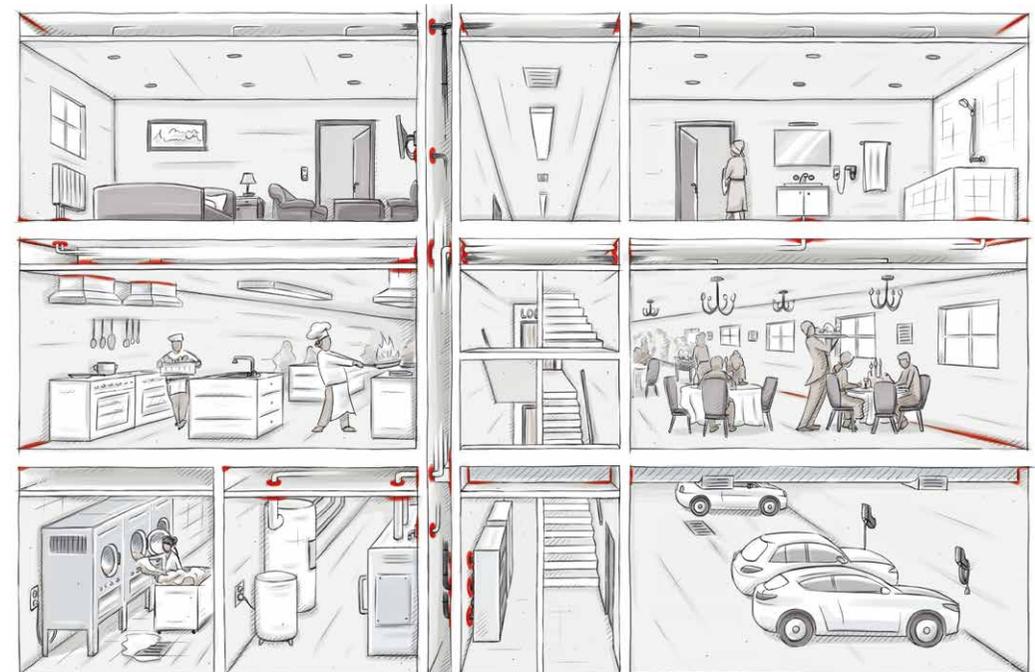
The keyword for reliable fire protection is compartmentation. Passive firestop systems are designed to prevent the spread of flames, smoke and toxic gases after a fire starts. They block gaps in walls, ceilings and floors caused by penetrations from pipes, cables and joints in fire-rated areas.

By doing so, firestop solutions help people to evacuate the building safely and reduce the risk of subsequent damage.

... CALM AND SAFE

In addition, our firestop solutions insulate the noise between rooms and from the street, while also reducing vibration transmitted through the structure. This allows your guests a relaxed sleep and ensures their privacy.

Thanks to the high flexibility of our products, your hotel is better protected in case of thermal or mechanical movements – e.g. during an earthquake. Defects like cracking at penetrations or the most common post-earthquake risk – fire due to damaged piping and electric systems – are reduced to a minimum.



Discarded cigarettes, a defective smartphone or a problem with the cooling system: there are many potential sources for fire outbreaks. Gaps around pipes, cables and ducts facilitate the rapid spread of smoke and toxic gases.



Video: Passive fire protection and compartmentation benefits

ALWAYS THE RIGHT SOLUTION

The Hilti firestop system consists of various innovative components, working in synergy to build an effective barrier against the passage of flames, smoke and deadly gases.



We offer a wide range of high-end products for efficient fire protection – suitable for both new hotels as well as small or large renovation, maintenance and upgrading projects. Our flexible solutions and pre-formed products not only allow simple and fast installation; their innovative technology speeds up retrofitting and inspection as well.



Hilti Firestop Sleeve: A pre-engineered device for optimal management and easy re-penetration of single cables and cable bundles – e.g. in facility rooms.



Hilti Firestop Endless Collar: An easily installable and flexible solution for waste water, roof drainage and pneumatic pipes.



Hilti Firestop Cable Collar: The ideal solution for renovations and situations where space is tight thanks to its low profile and easy closure.

“Previously, we would have specified two-part intumescent mastic for about 50 % of penetrations, but it was a time consuming process and after reviewing with Hilti, we found better products suited to each situation.”

Paul Dunlop, Associate Director,
Allison Pike Partnership, UK
[Read more](#)



Hilti Firestop Acrylic Sealant: Efficiently blocks flames and smoke at penetrations for cooling and heating systems, hot and cold water and sprinklers.



Hilti Firestop Flexible Foam: A reliable firestop seal for all types of cable penetrations, offering quick installation, easy maintenance and retrofitting of cables.



Hilti Firestop Spray: Enables fast and efficient sealing of wide joints, where maximum movement is required – e.g. curtain wall joints or openings between walls and ceilings.

PEACE OF MIND AROUND THE GLOBE

International hotel chains need to comply with an especially broad range of local regulations. Often, corporate hotel standards demand even higher levels of safety, health and well-being of hotel guests than legal building regulations.



COMPLIANT, WHEREVER YOU ARE

Building codes require that firestop systems are tested and certified in accordance with valid standards. With independently tested and approved performance, Hilti firestop products conform to the most stringent international standards:



 **Video: Testing of firestop systems**

“Under the ETA you have more onerous testing regimes and Hilti has solutions for every single type of application; so you can discuss it with them and get a solution quickly, reducing programme delays.”

Mark Stone, Managing Director,
Fire Management Ltd, UK
[Read more](#)

MEETING THE HIGHEST TECHNOLOGY REQUIREMENTS

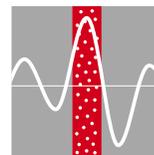
In addition to their superior behavior in passive fire protection, Hilti firestop systems enhance the performance and quality factor of hotels in many more areas. They meet the requirements in building technology which continue to gain significance for hotel owners:



Acoustic performance
By blocking up gaps, passive firestop solutions insulate sound. Flexible materials reduce audible vibration.



Less risk of mold and mildew
Our firestop solutions are water and fungus resistant, thus alleviating the effects of surface moisture on the building.



Seismic performance
Our systems help to reduce the risk of post-earthquake damage and minimize thermal movement of piping systems, structural deflection and vibration.



Improved green building rating
Our products meet stringent environmental requirements to support environment-friendly building construction. Health, safety and environment profiles are available with references to LEED and BREEAM standards.

 **Video: Secondary attributes of firestop systems**

TIME IS MONEY /

A hotel project involves many building phases, and many parties investing their efforts. With our firestop products and software, we help you save precious time during the whole project.



SUPPORTED PLANNING

Architects and specifiers can easily find the perfect firestop solutions for your specific needs online, and can download technical documents and BIM details.

Our field engineers provide documentation and approval information early in the planning phase. This prevents time-consuming improvisation on the jobsite and allows faster inspections.

EASY INSTALLATION

Our flexible firestop solutions are easily adjustable and therefore installation-friendly.

The wide range of pre-engineered products comes with firestop material already inside. This further increases productivity during the installation process.

EFFICIENT INSPECTION

With compliance documentation and all other important firestop data stored in the Cloud, the Firestop Documentation Manager software enables annual inspections to be performed in no time.



Video: Firestop Documentation Manager

TIMELY MAINTENANCE

The Firestop Documentation Manager knows when necessary condition checks are due and reminds you in advance.

Upgrade and retrofitting projects can also be streamlined by using the versatile firestop range. Simple installation methods make adapting to new specifications quicker and easier.

TWO HEADS ARE BETTER THAN ONE

Having another pair of eyes on a project can be invaluable. Our firestop specialists conduct individual on-site training sessions for your staff, help you involve all the stakeholders in your hotel project from the beginning and create customized engineering judgments for special applications.



ENGINEERING JUDGMENTS

On the occasions that standard details are not available, we will create a bespoke engineering judgment. Our team of firestop experts check your design against international guidelines and tests, and support you with custom drawings and specifications.



TRAINING SESSIONS

Our experienced engineers offer awareness and hands-on installation training sessions on-site for you and your trade contractors. This makes sure you select the optimum products for your applications and that they are installed in compliance with building regulations.



ON-SITE AND OFFICE SUPPORT

You can reach our technical advisory service by phone or by e-mail – our office-based engineering team are never more than a click or a call away. Of course, you can also request a visit from one of our highly trained project engineers to provide firestop appraisals on site or at the office.



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