**Versatile, durable
solutions and support**

Walraven Pacifyre® Products

Smart fire safety in buildings

Inspired by smart
solutions from the start

Walraven was established in 1942. Our founder, the great-grandfather of our current CEO, was an inventor with a love for simple and smart solutions. And now, more than 80 years later, we are a globally active company in the installation industry, committed to develop simple, yet smart product systems. With our wide product range and expert advice, we can provide complete solutions for any project, no matter how large or complex.

Walraven. The value of smart.

Fire protection

Active and passive fire protection

Fire spreads at lightning speed in a building. Something that can be prevented by taking the required measures, getting professional technical support, and using the right active and passive fire protection products.

1. Active fire protection
Detecting and extinguishing fire, including items such as fire alarms and sprinklers.

2. Passive fire protection
Helps to limit the amount of damage done to a building and provides more time for the occupants to escape. It does this by preventing and slowing down the spread of smoke and fire throughout the building compartments. When mechanical and electrical installations such as pipes and cables penetrate through walls and floors, the gaps require effective fire protection to prevent and slow the spread of fire and smoke.

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Selecting passive fire protection products

Walraven has been developing and manufacturing passive fire protection products for over 20 years. Therefore we are able to offer you the best technical support for selecting and installing effective passive fire protection.

Let's start with a preferred situation: a well-designed building that delivers effective fire protection in the event of a fire. You have to know what passive fire protection products are required by building regulations. Every construction situation is different and needs a specific combination of fire protection products. A firestop system is only completely functional when a combination of products works together. When one single product is missing, the rest of the fireproofing system could fail.

An example of a case
Every building needs technical installations like water (pipes) and electricity (cables). Unfortunately, these installations penetrate the fire-resisting constructions. This creates the risk of fire spreading via these installations. In these cases, Walraven Pacifyre® Products can be installed to keep the construction fire-resistant and avoid the spread of fire via the technical installation.

Ultimately the selection and correct installation of fire protection products can potentially save people's lives. It is therefore a decision that should involve qualified parties to ensure effective fire-stopping solutions are specified.

We are proud...
to offer you Walraven Pacifyre® product range
& Technical Support Service.

Walraven Pacifyre® product range includes fire collars, fire sleeves, sealants, and mortar that can be used for effectively sealing penetrations through fire compartment walls and floors.

Smart and simple solutions for effective passive fire protection. Keep on reading to get to know more about their features and benefits.

Walraven Pacifyre® Products

Smart fire safety in buildings

Walraven welcomes a few new members to the family! In other words: we developed some more important passive fire protection products and added them to Walraven Pacifyre product range.

We named them: Pacifyre® FPC Fire Protection Collar, Pacifyre® FPW Fire Protection Wrap, and Pacifyre® G Graphite Sealant. Besides these three new ones, two sealants got extended use due to increased certification, namely Pacifyre® A Acrylic Fire Sealant and Pacifyre® S Silicone Fire Sealant.

*Walraven Pacifyre®
Products for the most
versatile solutions &
peace of mind.*

Why Walraven Pacifyre® Products

- Products tested according to EN 1366-3

- ETA certified and CE marked products

- Easy to install products to minimize risk of incorrect installation

- Products that are suitable for renovations and remedial fire stopping

- Unique product features to suit more complex building requirements

- Products tested above and beyond standard requirements

- FREE Technical advice service including consultation and problem-solving

- Onsite training and support

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Walraven Pacifyre®
Product range

NEW NEW NEW NEW NEW

High flexibility

Various pipe types

Easy to install

Pacifyre® FPW

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Pacifyre® FPC **NEW**

Fire Protection Collar

Product information

A high-quality fire protection collar that will secure a fire resistance up to EI 120 U/U for a range of combustible pipe penetrations in walls and floors up to a diameter of Ø 315 mm.

Features and benefits

- Including a sound decoupling foam.
- Innovative closing mechanism will ensure an easy installation.
- Easily fits tight around the pipe.

Pacifyre® FPW **NEW**

Fire Protection Wrap

Product information

An endless and self-adhesive strip that will secure a fire resistance up to EI 120 U/U for a range of combustible pipe penetrations in walls and floors up to a diameter of Ø 160 mm.

Features and benefits

- Easy to install without any additional fixing material.
- Only one roll for numerous penetrations and various pipe types.
- Efficient usage of material due to only using the amount needed.
- Also suitable for areas which are difficult to access, e.g.: corners.
- High flexibility due to a self-adhesive layer over the full length.

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Pacifyre® G

Graphite Fire Sealant

Product information

An intumescent paste that will heavily expand in case of fire. It is certified to be used as a penetration seal of small combustible pipes up to EI 120 U/U, Multi-Layer, and metal pipes up to EI 120 U/C as well as for small cable bundles up to EI 120.
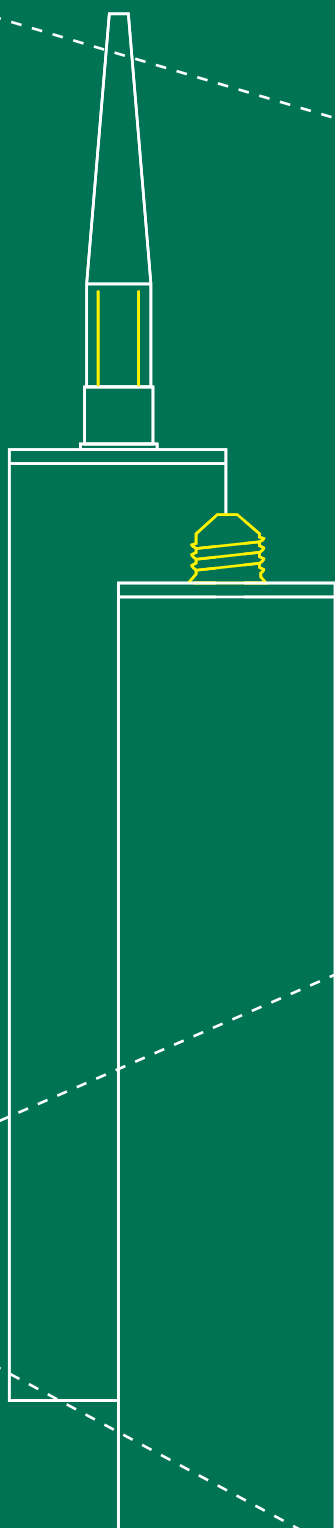
Features and benefits

- Easy to apply.
- Versatile field of application.
- Perfect solution for smaller pipes & cables.

Walraven Pacifyre® products are high-performance, easy to use, and have a versatile field of application.

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Pacifyre® A and S

Tested and
approved

Excellent
adhesion
to most
substrates

For use in walls
and floors

Fire resistant and
smoketight

Pacifyre® products

Pacifyre® A

Acrylic Fire Sealant

EXTENDED USE ✓

Product information

Single component acrylic sealant for fire-resistant and smoke tight closing of linear building joints and pipe or cable penetration seals in walls and ceilings according EN 1366-4 and EN 1366-3.

Features and benefits

- Fire-resistant and smoke tight up to 4 hours.
- For sealing annular joints around pipes, fire collars and fire sleeves or wraps.
- Sound reduction up to 62dB.
- Colour-fast, waterproof and paintable after curing.

Pacifyre® S

Silicone Fire Sealant

EXTENDED USE ✓

Product information

For sealing annular joints around pipes, fire collars, and fire sleeves or wraps. Suitable for linear joints in walls and floors with max. 25% movement. The silicone fire sealant has a 16 shore A hardness and is fire class B1 (DIN 4102-2).

Features and benefits

- Fire-resistant and smoke-tight up to 4 hours.
- Temperature resistant between -10 0C -and +140 0C.
- Fire class B1 (DIN 4102-2).
- Indoor emission level A+.
- Remains permanently elastic after curing.

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Pacifyre® products

Pacifyre® EFC Endless Fire Collar

Product information

A problem solver for multiple situations, also for the more complex installations such as angled penetrations, multiple penetrations with zero distance between the pipes, and corner penetrations. In the event of a fire, the intumescent material of the collar expands with high pressure and seals the opening against flames and smoke.

Features and benefits

- Only one box for numerous penetrations and all pipe dimensions (Ø ≤ 160 mm).
- Simple and easy to install, without special training.
- Adjustable in size and can be modified on-site.

Pacifyre® BFC Fire Collar

Product information

A standard fire collar for plastic (combustible) pipes up to Ø 160 mm and for thin- and thick-walled pipes. Suitable for flexible walls, solid walls, and ceilings.
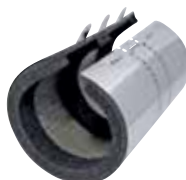
Features and benefits

- Added reassurance of ETA certification.
- Up to 2 hours of fire protection in wall penetrations.
- Up to 4 hours of fire protection on floor/ceiling penetrations.

Pacifyre® MK II Fire Sleeve

Product information

A single component fire sleeve that allows you to make an aperture for pipes, smoke-free and fire-resistant. This fire sleeve can be installed around pipes through floors, ceilings, solid walls, and modular walls.

Features and benefits

- Available in all common pipe sizes for both non-insulated plastic pipes and metal pipes.
- Simple and easy to install, without special training.
- Prevents the spread of fire and smoke and the conduction of noise.
- Remains operational for decades without maintenance.

Walraven Fire Testing

The integrity of fire-stopping systems is a real hot topic at the moment due to recent catastrophic fires in high-rise buildings. Therefore, testing our fire-stopping systems to the highest standards possible is always a top priority.

Walraven works with some of the best testing laboratories in Europe, such as Warrington (BE), MPAs (DE), and Efectis (NL). At these laboratories, they understand what issues can have an impact, like pipe movement or smoke sealing. These kinds of issues are not required to be tested, but we believe it's a crucial part of the overall effectiveness of a firestop. By cooperating with these laboratories, we get valuable professional opinions on the performance of our product in those non-tested, yet realistic situations.

Testing in-house for true scenarios

In addition to working with third-party organisations, Walraven also has its own testing facility in The Netherlands. We believe in testing products for real-life situations, not simply meeting test conditions. Testing a wide range of scenarios helps to ensure that our products do their job. Because of the in-depth understanding of the behavior of our products, we push their performance. And with our in-house testing, we are able to respond quickly to market needs and changing requirements.

Certifications

ETA certificate (European Technical Assessment)

All our fire protection products are certified according to the European Construction Product Regulation (CPR) No. 305/2011 and are therefore allowed to use a CE mark. With this CE mark, we are offering extensive European Technical Assessments (ETA) on a high-quality level.
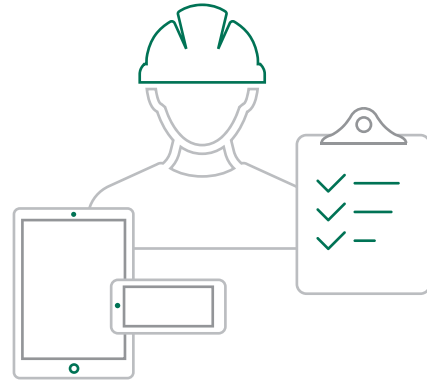
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Walraven Fire Testing

We go the extra mile when testing fire stopping systems.

Talk to our experts

Technical Support Services experienced in fire protection

The Walraven team has many years of experience in fire protection in both new build projects and remediation. They are willing to discuss your projects and assist you with problem-solving, technical design, and more.

At Walraven, the service does not end after you have purchased our products. We pride ourselves on our invaluable after-sales support and technical advice. Based on your individual requirements, our Technical Engineers deliver you a comprehensive proposal. All to make your life a little easier.

Our expertise available for you!

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Find out how we can support you

Would you like to find out more about any of the solutions described in this brochure?
Or would you like to discuss how we could help you find the best possible solution for your project? Get in touch today!

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