



SOUDAL



BUILD THE FUTURE

SOUDAL WORLDWIDE



Soudal is Europe's largest independent manufacturer of sealants, adhesives and PU foams for both professionals and private users. With over 4,000 employees, a turnover of 1.3 billion euros and 29 production sites on five continents, this 100% Belgian family business, founded by Vic Swerts, has grown into a global player and expert in chemical construction and industry specialities. Extensive investments in R&D, a long-standing vision of innovation and adaptations to local market needs laid the foundation for its excellent performance. Soudal is accredited as Best Managed Company and Top Employer.



Our founder Vic Swerts has always known that hard work pays off. Even after more than 50 years, his objectives for Soudal remain ambitious.

Vic is of the opinion that employees are the most important assets of a company. Courage in business also means facing the challenge to bring together a unique team of people.

Employees, partners and customers are no hollow concepts: people are central to any entrepreneur wanting to realise his ambitions. He sees it as his most important task to support his 'troops', the Soudal employees.

MARKET SEGMENTS

Soudal serves three market segments: Construction, Do It Yourself and Industry. This involves the use of various technologies and products, which are constantly being improved and adapted to the needs of customers, the market and the spirit of the times thanks to continuous and extensive research and development. This results in reliable, highquality products that contribute to sustainable and energyefficient systems and structures.



60%

CONSTRUCTION

Our construction products are used within a broad range of applications, such as building, glazing, woodwork, and bonding interior and exterior applications, from underground uses to the rooftops of skyscrapers. Soudal has the solution for every construction challenge.



25%

DIY

The experience, acquired in construction, has been translated perfectly into a wide range of products, which are available worldwide for the retail markets and DIY-end users.



15%

INDUSTRY

Soudal has been a reliable partner for decades supplying sealants, silicones, foams and adhesive systems which are used in the manufacturing and assembly across a diverse range of industrial sectors like truck, bus and RV to prefabricated construction elements, door and window, sandwich panel manufacturing, wood and furniture industry and various other assembly processes. The Industry segment is a major focus of Soudal's dedicated sales and technical support team providing expert services for bonding, sealing, damping, reinforcing and protecting solutions.

PRODUCTS

The Soudal Group manufactures products for its own brands and private labels for a wide variety of user groups. These groups consist of silicones and other sealants, polyurethane foams, adhesives, hybrid polymers, technical aerosols and chemical building products.



ADHESIVES



In addition to the established values within the adhesive range, such as wood and parquet adhesives, water-based assembly adhesives, contact adhesives, decorative adhesives and PVC adhesives, hotmelts (EVA, PO and PUR), Soudal continues to work on further growing its successful polymer-based adhesive sealants, such as Fix All adhesives, for example.

In addition, Soudal is strongly committed to the further expansion of its industrial adhesive range, using various 1- or 2-component based technologies.

SEALANTS



Soudal's sealants are available for both indoor and outdoor applications. The range includes silicone sealants for sanitary and glazing applications, paintable acrylic sealants, joint sealants for fire-resistant and fire-retardant applications, polymer and polyurethane sealants for various facade and floor applications and industrial solutions such as sealing products for double glazing IG production. Here, too, research and development led to innovative solutions. Our latest innovation is HMX technology, which combines the best of both worlds: permanent elasticity and superior adhesion and weather resistance of a silicone, combined with the ability to paint over it and optimal processing ability of an acrylate. HMX technology has since received several sustainability and quality labels.

FOAMS



For decades, Soudal has been a leading manufacturer of foams for many applications including construction: insulating, filling, mounting, glueing. The range has become very diverse in terms of technology, packaging and hardware. In addition to classic 1-component foams with a variety of properties, Soudal also offers complete 2K systems for special insulation applications, such as filling window profiles. Elastic foams occupy a special place in the range, as they provide durable insulation and avoid thermal bridges over long periods of time in many building applications.



TECHNICAL SPRAYS



Soudal offers a wide range of aerosol sprays, cleaners and primers for construction, industry, DIY and bike maintenance applications. This range includes technical sprays to lubricate, protect and clean in industrial, building and private use. All our technical sprays are developed, tested and manufactured by our group member Aerotrim in Belgium.

TAPES AND MEMBRANES



For various applications in construction and industry, Soudal offers different types of mounting tapes, airtight sealing tapes and membranes. Within the context of energy performance of buildings, airtight sealing tapes were developed for sealing seams and gaps in under-roof and facade films.

In addition, window films were given a permanent place in the range. As well as the standard version of membranes based on EPDM and non-woven fleece, focus is now also on the very fast-growing self-adhesive variants of these window films.

CHEMICAL ANCHOR



Soudal developed the chemical anchor to enable heavy loads in both hollow and full construction materials to be borne.

Stair railings, awnings or boilers are examples of loads that can be securely fastened thanks to our ETA-certified (European Technical Assessment) chemical anchor.

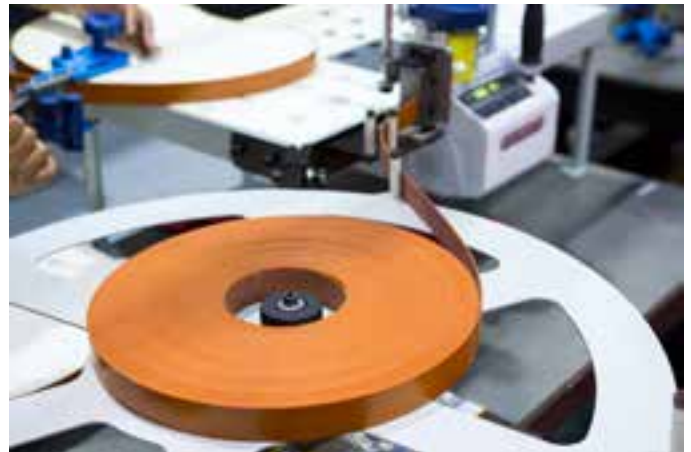
INNOVATIONS

The research in and development of new products, product technologies and production methods is part of our DNA. Our highly qualified researchers, engineers and technicians are continuously working on the development of new products and applications adapted to the specific requirements of customers in various countries.

This has resulted in a number of pioneering innovative products and production processes, which have helped to strengthen the market position of Soudal.

RESEARCH & DEVELOPMENT

Is deeply rooted in the business culture of Soudal. Better still: it is one of the absolute pillars of the impressive growth realised by the company in the last few decades. Extensive investments to strengthen the R&D expertise and adopt new technology with, for instance, creative analysts and engineers, resulted in the build of the Soudal Research & Development Centre. The R&D Centre at the Everdongenlaan in Turnhout is more than just a state-of-the-art building based on numerous Soudal high-tech developments, it reflects a deeper culture and a drive for continuous innovation with an open view of the future.



PRODUCT INNOVATION

Soudal is constantly looking for quality solutions and ecological improvements in its product range. Our product innovation is driven by end-user needs, price and availability of raw materials, and regulatory standards. For example, the Soudal SMX foam was the first foam on the market to contain no isocyanate, to avoid exposure for end-users. In recent years we have also developed numerous solvent-free and plasticizer-free products and water-based assembly adhesives and sealants. The most environmentally friendly Soudal products can be recognised by their eco-label. Such a label means that emissions of harmful substances are minimised during the use of a product. Many products now have a European EMICODE certificate, including our Flexifoam, our new HMX



technology, and numerous hybrid adhesive sealants, parquet adhesives and silicones. Depending on the country in which a product is sold, we also use other labels, such as M1 (Finland), Blaue Engel (Germany) or the A+ label (France). Other more sustainable initiatives can be found in our hotmelt adhesives, in which we make use of low monomer PU's and biobased products and also in our C14 biobased products. Acting proactively is the common thread running through our R&D. We do not wait for the legislation to change, but we look ahead for products with a lower impact on the environment and health. We also closely monitor consumer trends, so that we can immediately respond to new demands from the market.

Innovation is, therefore, the driver for organic growth at the Soudal Group.

In addition, we always seek an optimal balance between service life and environmental impact. After all, a product with a higher environmental impact may have a (much) longer lifespan and therefore still be more sustainable. Life-cycle analyses, such as the Environmental Product Declarations (EPD), help us identify the overall environmental impact of our products.

PROCESS INNOVATION

Alongside the continuous development of new and environment-friendly products, new and environment-friendly production processes are also receiving attention. Soudal wants to be a trendsetter in fields such as energy-efficiency and cost optimisation in production, the continuous training of users in a rapidly evolving market or the internal rollout of SAP. The engineering department is the driving force for the continuous reinvention of production processes, which are smarter, faster, more energy-efficient and produce less waste.



INNOVATIVE BUILDING SYSTEMS

We want to be part of the solution to stop global warming as the climate transition, which is increasing demand for low-energy buildings and passive houses, is a major opportunity for Soudal. Also the opportunity to provide solutions for a safer and healthier living environment is a challenge that we need to embrace at its fullest.



HOW DO WE APPROACH THIS?

Passive buildings require 5 to 8 times less energy than ordinary buildings. This is important because, according to a UN report, buildings and the construction sector together accounted for 40 per cent of Europe's energy demand in 2021. In addition, passive houses also have a healthy and comfortable indoor climate.

We contribute to that with our products. Our insulation products, mainly polyurethane foam (PU), seal gaps and prevent thermal bridges or 'cold bridges'. Thus, they prevent energy losses in buildings, thus reducing CO₂ emissions. PU foam in particular is widely used in the construction industry, as a high-quality insulation material for roofs, basements, floors, cavity walls and industrial buildings. Correctly applied PU foam also has a positive impact on acoustics and reduces the risk of condensation and mold.

Soudal has been working with the construction industry for years to develop systems for safer, healthier and energy-neutral or passive construction.

The aim: to improve the energy and insulation performance of the systems that Soudal products are part of.

Mere product innovations gradually make way for systems thinking: not only do we improve the properties of our products; we also look at, for example, the best way to install and insulate a window or to make building compartments fire-resistant.

SOUDAL WINDOW SYSTEM

Our Soudal Window System and SoudaFrame SWI are system innovations with which we want to permanently change how windows are placed. SoudaFrame SWI is an intelligent pre-frame system that allows a window frame to be screwed directly into the SoudaFrame. This means that no metal joints are needed between the window frame and the supporting wall structure, thus creating a thermally optimal window installation. Soudal Window System is a professional window connection system that ensures the seal between joinery and masonry.

Flexifoam plays a key role in our new window (frame) systems. It has increased insulating properties and is three times more flexible than conventional construction foams. This allows it to adapt to the relative movements of windows and buildings and guarantees lasting acoustic and thermal insulation.



FIRE RANGE

Another system Soudal offers, is a specialist product range for the fire-resistant sealing of joints. These are high-quality, fire-resistant joint sealants and adhesives based on various technologies: hybrid, acrylic and silicone.

Our fire range contributes to a complete system that enhances sustainable living and safety in buildings and constructions. Fire safety is a crucial aspect of any structure, to which our products play a vital role in providing protection and peace of mind to people.

Some important details to emphasize, to highlight the advantages of our fire retardant and fireproof products:

Enhanced Safety: our fire range provides an added layer of safety by preventing or slowing down the spread of fire. Which not only protects constructions but, more importantly, ensures the safety of the people within the building.

Peace of Mind: The psychological aspect of our products is also not to be denied. Knowing that a building is equipped with fire retardant and fireproof solutions can significantly contribute to the peace of mind of the people inside, creating a more comfortable and secure living or working environment.

Sustainability: our fire range also has an environmentally friendly effect or contributes to the sustainability of buildings in safeguarding buildings or constructions in case of fire. We have to agree that sustainable building practices are becoming increasingly important, so this cannot be ignored.

Regulatory Compliance: our fire range also meets relevant fire safety standards and regulations. This is an important point in the decision process for architects, builders, and property owners who need to comply with strict safety codes.

In general our fire range adds the tangible and intangible benefits of your fire retardant and fireproof products, which will help to convey their value to potential customers and stakeholders.



SUSTAINABLE STRATEGY

Being a family business, the long-term perspective has always been important to Soudal.

We want to actively contribute to a more sustainable world, with respect for people, planet and future generations.

We have been taking responsibility as a business in the chemical and construction sectors for many years, but as the climate crisis becomes more and more apparent, we will have to shift up a gear. We are therefore embedding our sustainable ambitions in a formal ESG strategy.

Although we still have steps to take to complete our strategy in line with the European Green Deal and the Corporate Sustainability Reporting Directive (CSRD), we built the foundations of our strategy in 2022. We are determined to supplement it with targets and a full list of KPIs in the coming years.

BUILDING THE FUTURE TOGETHER

Based on our materiality analysis, we are developing the Soudal sustainability strategy 'Building the future together'. Three major ambitions lie at the heart of it.

Each ambition in turn counts three impact domains, which together cover all our material topics:

- Working towards tomorrow's climate-neutral society
- Providing the best workplace for our people
- Growing better through responsible entrepreneurship



PROTECTION OF THE ENVIRONMENT

Our actions to protect the environment exist on three levels:

- 1** We reduce our impact on water, soil and biodiversity
- 2** We reduce our water consumption
- 3** We emit fewer Volatile Organic Compounds (VOCs)



SUSTAINABLE STRATEGY

Climate neutral society

7 AFFORDABLE AND CLEAN ENERGY



Affordable & sustainable energy

- More renewable energy
- Better energy efficiency

13 CLIMATE ACTION



Climate Action

- A plan with concrete steps, e.g. wind turbine
- Reduce CO₂ emissions in production buildings, transport



Offering a top workplace

3 GOOD HEALTH AND WELL-BEING



Good health & well-being

- Promoting mental well-being
- Working safely

4 QUALITY EDUCATION



Quality education

- Jobs with opportunity for advancement
- Acquisition of knowledge and skill



Responsible entrepreneurship

8 DECENT WORK AND ECONOMIC GROWTH



Decent work & economic growth

- Contribution to prosperity
- Creating decent jobs worldwide
- Decoupling growth from environmental impact

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Industry, innovation & infrastructure

- Investing in research & development
- Tackling societal challenges





SOUDAL NV

EVERDONGENLAAN 18-20

B-2300 TURNHOUT

TEL.: +32 (0)14 42 42 31

EMAIL: SALES@SOUDAL.COM

WWW.SOUDAL.COM