

**Our word
is our bond**



**Modern medium-sized,
family-owned enterprises
with a thirst for innovation
and a passion for values such
as sustainability, solidarity
and reliability are set to
shape the future.**

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Welcome to the world of adhesives

Jowat is a medium-sized, family-owned enterprise and one of the world's leading suppliers of adhesives for trade and industry. Founded in 1919 as a wholesaler of glue and supplies for carpenters, we can now call upon extensive expertise in a whole host of different fields.

At Jowat, our day starts and ends with adhesives: our day-to-day work is all about developing market-leading products and innovative bonding solutions. The determination we channel into constantly improving our processes and formulations is a crucial factor in maintaining our status as market leaders in technology and innovation. We want to make sure that we continue to offer the very best bonding solutions to suit our customers' individual needs. It's a big claim, but it's one that's been proven around the world: in addition to businesses in the woodworking and furniture industries, our valued customer base also includes companies in the paper and packaging sectors, the textile and automotive industries, the electrical industry, and the graphic arts. Every last customer knows that they can rely on our products, which have been tailor-made to suit their own, specific requirements.

The high expectations we place on both ourselves and our work extend far beyond the moment a product is purchased in the form of our impressive service concept: we are happy to answer any questions relating to using our adhesive products right from the start. This means you can rest assured of our support and expertise from the very first application through to long-term use of our products. If you are interested in optimising your processes or simply have a specific question you would like to ask, you can always count on the cross-sector expertise of our dedicated team. After all, our aim is always to meet your expectations in every respect when it comes to our adhesives, chemical products and bespoke services. We have played an active role in shaping the rapid success story of the adhesive industry in recent decades. We now want to work together with you on writing the next chapters of our story. Just imagine what we could achieve.



Klaus Kullmann



Dr Christian Terfloth



Ralf Nitschke





The Board of Directors
at Jowat SE: Klaus Kullmann,
Dr Christian Terfloth and
Ralf Nitschke (left to right)

Passion

We are passionate about our work as it's a subject close to our hearts. Join us on a journey into the world of bonding.

Why gluing?

Of all the bonding techniques out there, gluing is the one that is easiest to streamline. It offers a whole host of advantages that help to not only reduce the cost and weight of products, but also improve product features. This is why gluing is enjoying increasing success as a joining method in industrial applications.

With increasing automation and series production at high cycle rates, processes in virtually all sectors are calling for rapid and – more importantly – efficient bonding methods that offer reliable staying power. Here at Jowat, our tailor-made solutions developed over our long company history are making a crucial contribution to the use of gluing in industrial manufacturing processes. It now represents a growing market worldwide as a highly effective alternative to mechanical joints in more and more industrial sectors. This is because in comparison to other bonding methods, the use of adhesives offers even greater potential when it comes to constantly improving quality and saving resources.

Our customers come to us with a range of different gluing requirements depending on their applications. Whether they are looking to

create a particularly flexible adhesive joint, glue tricky materials together, or use renewable raw materials in their production processes, we offer a wide variety of different adhesives to live up to these and countless other customer requirements. What's more, we also work together with you to develop individual solutions for your products and processes as we help you to maximise the benefits of gluing to the fullest.

Many of the production processes in use today simply wouldn't be possible without state-of-the-art adhesive technology.

Our values

It's not just our products, but the values we live and breathe that make Jowat so unique. We never lose sight of what sets us apart or what is important to us. Everything we do on a daily basis is shaped by a series of guiding principles based on these factors.

Our customers

... are the most important factor in our day-to-day work. It is our job to meet their requirements as efficiently as possible and to offer comprehensive solutions to their problems. To us, it goes without saying that a strong customer focus is absolutely essential.

Our team

... is our greatest asset. This is why training and professional development are of utmost importance to us. We want to ensure every last member of our team can offer the very best expertise to our customers.

Our quality awareness

... is something we are constantly working on with great success both internally and externally. On our way to a "Total Quality Management", the certification according to ISO 9001:2015 is an important step. For us, "total quality management" is all about optimising internal processes, taking preventative measures to prevent mistakes, achieving exceptional product quality, and delivering on time every time.

Our environmental responsibility

... is aimed at long-term concepts and sustainability. It extends to the conservation of natural resources, use of environmentally safe production methods, prevention of emissions, and offering competent environmental information for our customers.

Our potential for innovation

... allows us to be the spearhead in research and development and adhesive application technologies for all product segments and industries in which we operate.

Our production reliability

... means for us: constant optimisation of our manufacturing processes, constant increase in workplace and equipment safety, and safeguarding availability of raw materials and machinery.

Our solution partners

... are manufacturers of machinery, materials, substrates, application equipment, serving the same industry we supply. An intense exchange of ideas and experience in regard to research and development activities as well as product application facilitates practical new solutions for the customers we share.

Our global perspective

... is something we live and breathe every day. After all, since we're operating in global markets, we have to have a global strategy. This includes our sales activities and subsidiaries in all regions. By focusing on our strengths, we have made ourselves right at home in our markets around the world.

Jowat
Klebstoffe

**Jowat's winning formula is
all about strong connections –
in every sense.**

The House of Technology was built in autumn 2018 – an impressive building featuring a glued laminated timber construction.

Diversity

We look at every aspect of your application to offer you tailor-made product solutions. After all, no two bonding applications are the same.

Jowatherm®

291.66

EVA-Hotmelt

Charge 1088518

Prod.: 2016/06/30

Jowal

Klebstoffe



Jowatherm®

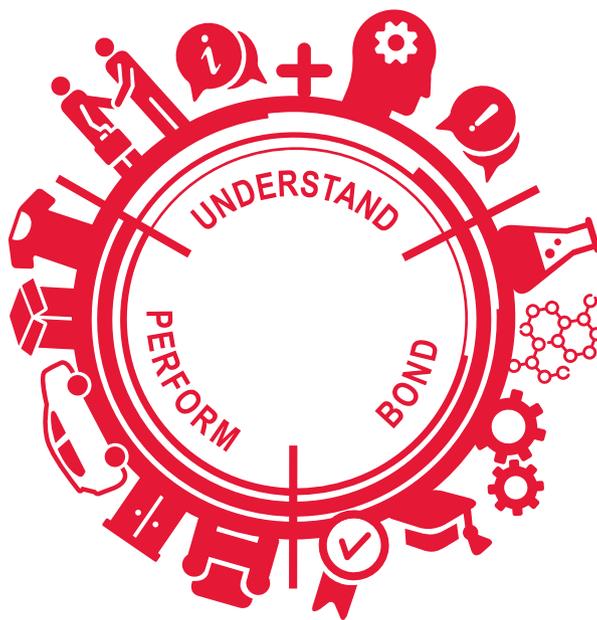
291.68

EVA-Hotmelt 10%

Charge 1088518

Prod.: 2016/06/30





Services

Our ability to offer an excellent service is based on specialist expertise and a thorough understanding of our customers, their process, and their products in equal measure. This is why we don't simply offer adhesives, we offer a tailor-made solution that has been designed to suit your specific requirements. You can even take advantage of our experts, who are well-versed in the intricacies of your work.

Understand

We always start by asking ourselves: Who is our customer? What are they looking to bond and under what conditions? Understanding the purpose of the bonding application allows us to get much closer to the end result right from the outset. What's more, the conditions prevailing in the workplace and the equipment used also play a role in the development of the ideal solution for the perfect adhesive performance.

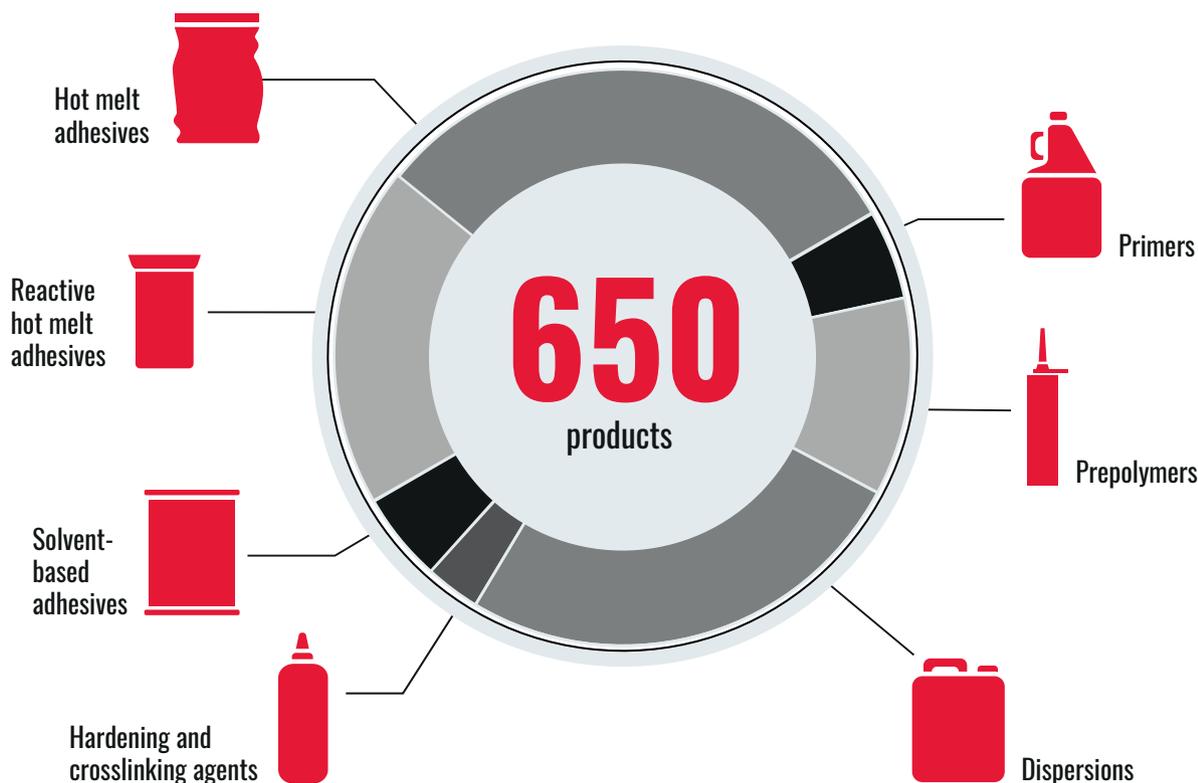
Perform

Once we have gathered all of the information we need, we are able to start choosing the perfect product for your application. Our extensive portfolio covers a whole host of applications and materials. We work right by your side to plan the initial application of our adhesive on your systems. And if you're switching from another product, we'll be there to help you right from the start to make sure you're always on the safe side.

Bond

The expertise we offer to our customers extends far beyond the use of adhesives: we are also on hand to help with any questions relating to bonding, including how to store our products and clean your systems. We can even offer support when it comes to quality assurance, if required: we take a look at your processes and working conditions that could compromise the desired adhesion quality and work with you to eliminate potential failure causes.

We strive to offer optimal support to adhesive users when it comes to technology, service and advice to ensure we stick to our promise of offering strong connections.



Adhesives

The world of adhesives is incredibly diverse. This is why our day starts and ends with the development of optimal adhesive solutions to suit all requirements.

Anyone who has ever had to deal with adhesives to a certain extent will understand why there is no one-size-fits-all solution for all applications and materials. This is why tailor-made bonding solutions are so essential for industrial use. Some of our products may seem identical at first glance; however, they are sure to differ in certain crucial aspects: the bonding result is determined by a range of factors including the adhesion spectrum, viscosity and initial strength, not to mention the open time and processing temperature. These combine to make sure that no adhesive behaves in the same way as another in a given application. Our portfolio is exceptionally diverse and only includes technically sophisticated formulations of the highest quality.

Hot melt adhesives

Hot melt adhesives are solvent-free systems that become liquid when heated and applied in a molten state. To achieve an adequate wetting of the surface, the substrates must be joined within the open time. The adhesive strength then builds up in no time as the melt cools. Hot melt adhesives work on the basis of a physical bind rather than involving chemical changes. Our hot melts are renowned for their excellent processing properties and a wide range of adhesive properties to suit different materials. The short setting times facilitate direct downline processing and thereby maximise production speeds.

Reactive hot melt adhesives

One-component, reactive polyurethane adhesives (PUR) not only solidify by physical setting, they also crosslink due to a chemical reaction with moisture. This process is triggered by the ambient humidity and/or the available material moisture from the substrates. PUR hot melt adhesives must therefore be protected from the effects of moisture until they are processed to prevent this kind of premature reaction. Once the chemical crosslinking process is complete, PUR hot melt adhesives cannot be molten again and have a high resistance to water, solvents and cleaning agents.



Our Jowatherm® and Jowat Toptherm® hot melt adhesives in an easy-to-handle granulate form.

Solvent-based adhesives

For these products, the adhesive substances are dissolved in organic solvents. The evaporation of the solvents causes the liquid adhesive to change to its solid final state, leaving the pure adhesive substance behind. The volatile solvents serve as a means of transport and act as processing aids during the application process by ensuring the bonding agent remains in its workable liquid form. They also influence essential properties of the adhesive, such as its adhesion, dwell time and open time.



Dispersion adhesives in the Jowacoll® range are amongst our most time-honoured products.

Dispersions

Dispersion adhesives (also known as glues) are water-based adhesive systems that physically set as a result of the evaporation of the water. When the liquid evaporates, the polymeric adhesive constituents form a film and thus take effect. Depending on the application and chemical basis of the dispersion adhesives, it may be necessary to add an isocyanate or nitrate crosslinking agent. This makes it possible to achieve higher strengths when exposed to temperature stress or a better level of water resistance.

Reactive one- and two-component systems

Reactive one- and two-component systems function on a chemically setting basis and are either liquid or pasty at room temperature. Our Jowapur® series features one-component prepolymer adhesives with specific parameters that are tailored to suit different requirements: short processing times for faster production processes or long open times for processes involving large batches or the production of large components. The Jowat® two-component SE polymers based on silane epoxy are specially designed for particularly age-resistant, thermally resilient, and elastic bonds, and are often used for surfaces that are difficult to bond.

Additional products

In addition to adhesives, our portfolio also includes products for special applications – essentially everything needed for optimum handling.



Hardening and crosslinking agents

In many cases, adhesive products are based on resins. With the addition of a crosslinking agent, a chemical reaction is initiated, which triggers the mixture to set. Crosslinking agents can be added as needed to enhance particular performance criteria – for example, to improve moisture resistance. Stirring in a hardening agent increases the viscosity of the adhesive and contributes to a more stable bondline once dry.

Primers

These fill the gaps between adhesives and materials to promote better adhesion. They are used with materials that are difficult to bond as well as in applications that call for higher bonding requirements. Many Jowat® primers (also known as adhesion promoters) contain finely dispersed silica to maximise the surface area so that the adhesive can permanently anchor itself in place. Our range includes both water- and solvent-based primers.



Cleaners

In cases where something goes wrong, or even simply in everyday working life, the remnants of the adhesive used must be removed to avoid interactions, deposits and the resulting losses in quality. Our flushing agents and cleaners are specifically designed to suit the composition of our adhesives for reliable removal from surfaces and equipment – without unwanted chemical reactions.

Jowat® cleaners have been specially developed to ensure our adhesives can be removed without a trace.

90,000

Overall production volume in tonnes

7,000

Solvent-based adhesives

63,000

Hot melt adhesives

20,000

Dispersion adhesives

1,500,000,000

Granules

Annual values (rounded) (data correct as of 2018)

Equality

As your partner for custom bonding applications, we understand the standards and requirements of your industry.



Furniture industry

Whether it involves cupboards, tables, upholstery, or mattresses – Jowat has established itself as an adhesives supplier for furniture production thanks to its wide range of products and comprehensive knowledge of applications.

Furniture is subject to constant stress and strain, which every last component has to be able to withstand. At the same time, end customers have high expectations of beautiful and uniquely designed furniture. In addition, these components are mass produced and available in an ever-expanding range of designs. This is possible thanks to fully automated mass production at high output rates with rapid manufacturing times, which requires the adhesives to high initial strength. Our adhesives are most frequently used for edgebanding and wrapping furniture compo-

nents. Reliable bonding and a clean application are also needed when laminating wood-based boards. The aim is to combine high quality bonding with visually stunning glued joints. Greater levels of product efficiency and work safety are becoming more important for manufacturers, and the interest in sustainably produced furniture is growing. Our adhesives meet this demand: we are always looking to improve their composition and production in accordance with environmental factors. Selected formulations are also based on renewable raw materials.



Woodworking industry

One of our core areas of expertise is providing bonding solutions for the woodworking industry. We can look back on many years of experience whilst also dedicating ourselves to developing forward-looking solutions and research into innovative uses of wood to develop new opportunities.

Whether for floors, furniture or in structural engineering – wood is an incredibly versatile material and therefore almost omnipresent. Producers and customers alike appreciate the natural feel, quality and look of the material, which conveys both warmth and comfort. The fact that no two pieces of wood are the same opens up a diverse selection of furniture and construction elements for the end consumer. In solid wood processing – for example, for the furniture industry – our adhesives offer first-class connections. In addition, the glued laminated timber construction technique is becoming increasingly popular in the building construction industry. Adhering to the applicable standards represents a certain challenge, since adhesives have to be compliant

with various building authority approvals and certifications. Depending on the choice of wood, individual material-related requirements apply to the bond. Our PUR adhesives developed for this application are certified for glued laminated timber (glulam), cross-laminated timber and solid structural timber bonding in load-bearing constructions. Our portfolio includes a range of formulations that yield the best results in glued jointing and lamination of wood, contributing to safe and durable building constructions. For the versatile use of wood-based panels for the production of doors, floors or windows, we always offer the right adhesive solution in the form of our numerous dispersion and hot melt adhesives.

Building elements

The construction industry relies on a range of materials including wood, plastic, aluminium and concrete. They each have unique properties and place high demands on adhesives.

There has been a lasting boom in the construction industry for many years. Given the strong demand and desire from builders for individuality, many different combinations of materials can be bonded. In addition, cladding, floors, and other construction elements have different requirements to withstand daily use or weather conditions over the years.

In floor manufacturing, our products are perfect for wooden, laminate, carpeting and other types of flooring that are installed in living areas or professional premises. The lamination of door and window profiles not

only needs to meet the daily challenges by being resistant to scratches, heat and hydrolysis, it also needs to look stunning. It must have the visual impact of elements such as front doors. Our PUR adhesives for long-lasting, durable and tight adhesive joints have been tried and tested in countless applications. Further additional construction tasks must meet sound insulation requirements, insulation specifications and finishes. To ensure you can achieve the desired effect, we always align our adhesives to suit the intended purpose of the end product. This is why selected formulations meet additional functions that go beyond bonding.

Textile industry

From sportswear and protective clothing through to textiles used for car interiors or construction: The textile industry is as diverse as our range of products, which means a wide range of textile products can be used for bonding and laminating.

The intended use usually defines the properties the material requires: Not only are high quality standards placed on clothing textiles, comfort is often the decisive factor. The challenge is to maintain this level of comfort once adhesives have been applied. Further processing and subsequent washing of the textile composites puts these adhesives to the test. Protective clothing can be the difference between life and death, which is why the textile must provide greater resistance than standard clothing. Hygienic textiles for medical purposes must also be sterilised time and again, which places special requirements on lamination. Our adhesives meet the applicable standards of these product classes to offer a high level of safety and meet the standards set by major certification bodies.

The finished product should feel great against your skin, which is why we value the certifications in accordance with the "ECO PASSPORT" that classifies our products for use in "OEKO-TEX®" textiles.

Special laminations for long-lasting resistance, heat and vapour resistance are applied to challenging textiles for technical purposes such as sand paper, cleaning textiles, and roofing liners. Our hot melt adhesives designed for these applications make a significant contribution to the quality of the end product. It is thanks to lamination that upholstery fabrics, mattress covers and interior cladding in the automotive industry can withstand daily stresses.



Automotive and transport

Manufacturing automobiles, caravans, ships and trains requires a large amount of adhesive. From making filters to laminating interiors, a wide range of parts are manufactured using our products. The trend towards lighter cars with optimum energy efficiency is also having a growing influence on production. At the same time, quality and safety features

of vehicles must stay the same and be enhanced by the use of adhesives so that they can withstand the stresses caused by heat or mechanical loads. This is why we always precisely align the adhesives we use to the relevant applications and manufacturing processes.

Filter industry

Filters are used for a variety of reasons in cars – from keeping the air in the vehicle interior clean to protecting the engine from particles of rust, dust or pollen. Several layers of filter material and adsorbents are bonded together when manufacturing filters. This composite acts as a fine particle filter or to filter odours and volatile gases, for instance benzene or ozone.

To manufacture these filters, our adhesives provide very low fogging and emissions values, which is the standard for this application. Jowat adhesives are reliable when it comes to laminating, pleating, and frame bonding. They are highly resistant to the re-occurring stresses, like engine heat and mechanical pressure.



Food and consumer goods industry

It's hard to name another sector that is as fast-paced as the food and consumer goods industry. The more impulsively these fast-moving consumer goods (FMCG) are bought, the faster and more flexible their manufacturing and packaging processes need to be.

The rapid turnover of the FMCG range requires quick response times when it comes to producing and packing the goods. Materials and shapes of packaging change relatively quickly and are produced in short turnaround cycles. In these circumstances the adhesive must be robust enough to withstand the adjustment in requirements. At the same time, the functionality and attractive look of the packaging must stay the same. Our range of products offers manufacturers bespoke solutions to improve and simplify packaging processes.

To enjoy your drink to the fullest, caps and straws on drinking cartons must be securely attached during transport and storage. This calls for powerful adhesives with special characteristics such as wide adhesion spectrum, thermal stability in the melt, flexibility at low temperatures, and high heat resistance. The packaging of delicate products such as chocolate, tea or baby food requires special formulations, which is where

we come in with our high-performance special products for precisely these situations. Labels influence the purchasing decision as they display the brand message. The choice of adhesive is about much more than the flawless look of the label. With Jowat products, labels are firmly attached with small amounts of adhesive and can still be applied cleanly and flexibly, ensuring excellent handling and an attractive look.

Hot melts are characterised by clean processing, high productivity, and high levels of resistance, and just so happen to be one of our areas of expertise. They are capable of standing up to the most challenging surfaces, high tension forces and cope with rapid processing speeds. In addition to unbeatable technical performance, we also value expert advice on food and consumer goods and environmental aspects – this facilitates robust and secure packaging for products that are needed on a daily basis.

Graphics industry

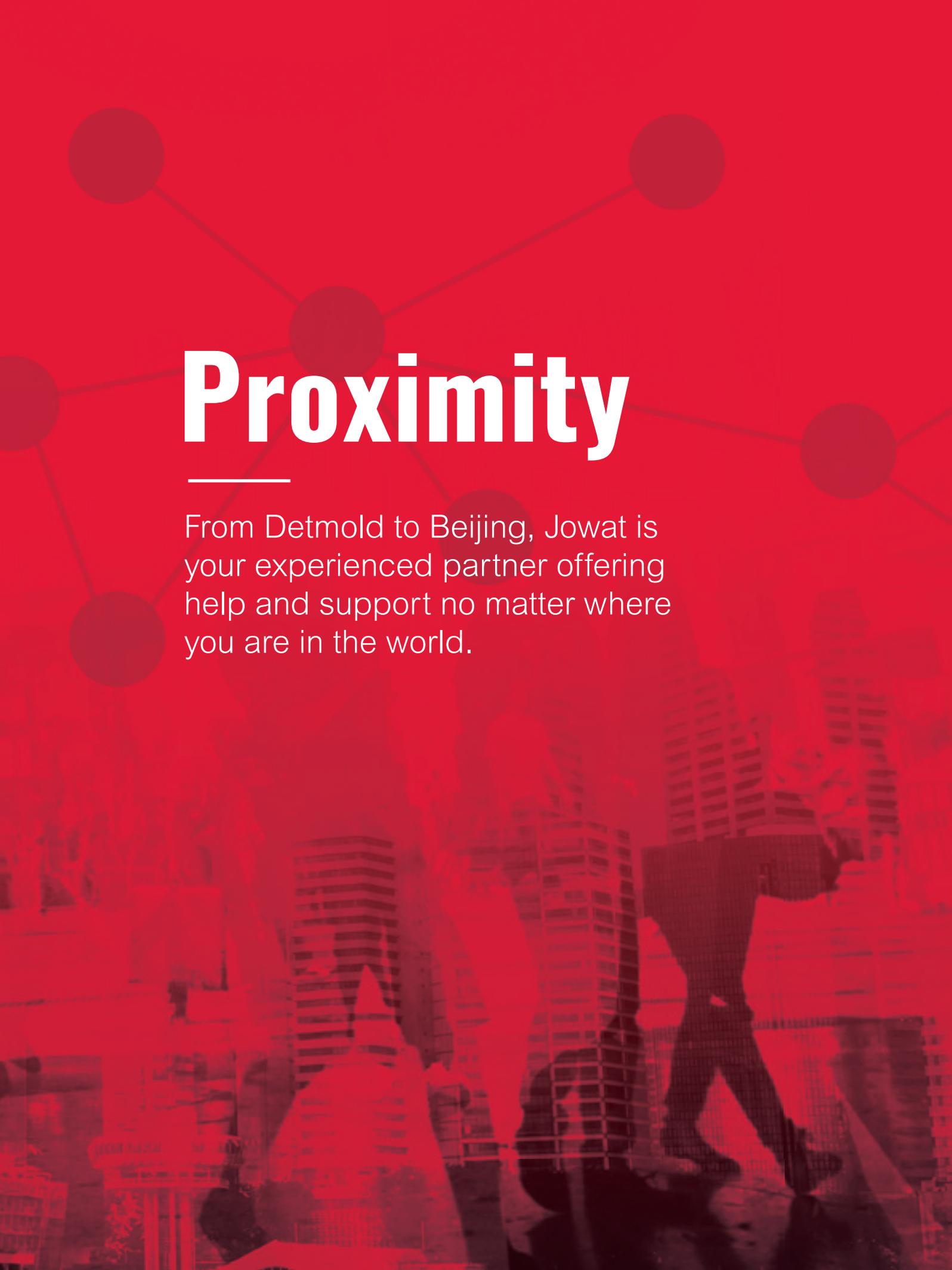
Matt, glossy, structured, and special-effect films are used to laminate printed sheets for folding boxes, book covers and other printed products of superior quality. Our dispersion adhesives portfolio for the graphics industry provides superb adhesive properties for any requirement and can be tailored to any combinations of paper and foil. The dispersions are characterised by high gloss and transparency,

as well as their UV resistance. In terms of book-binding, our portfolio encompasses lay-flat, hardcover and softcover manufacturing. This is all possible thanks to the custom alignment of the adhesives and processes to materials and the intended purpose – all without bleeding through, which is why they are so strong and bonded securely.

Packaging industry

The packaging industry is one of the largest markets for industrial adhesives. State-of-the-art, innovative packaging solutions need to do more than just protect and store the product inside them: the look and feel also have to catch the eye of the end consumer to convince them to buy it. For this reason, manufacturers are relying on more elaborate packaging made from sophisticated materials. On the other hand, the growing trend to switching to ecologically sustainable solutions is also playing a key role. As the packaging industry is subject to faster

life cycles and higher levels of flexibility compared to other industries, it demands a wide range of adhesives. In addition to manufacturing folding boxes and corrugated cardboard packaging, we also supply high quality PUR hot melts for clear folding boxes. Our products also provide additional benefits beyond simply joining materials together: they can be applied to slip papers as an anti-slip coating, making the transportation and storage of palletised goods so much easier.



Proximity

From Detmold to Beijing, Jowat is your experienced partner offering help and support no matter where you are in the world.

International

Right from the beginning, we have always relied on our successful triad strategy. Our strong position in the European, American and Asian markets means we're right at home in the largest economic areas in the world.

Differences in raw material availability and the prevailing legal regulations means our product portfolio has to differ from one country to the next. Even the procedure for bonding processes is dependent not only on the application and material selection, but also on legal requirements, raw materials and climatic conditions. This means that the bonding requirements of a furniture manufacturing process in Germany will differ from those in Asia, for example.

So for us to offer you the best possible products and services no matter where you are in the world, we operate on a global basis with a close network of distributors. This means we are never too far away to offer our long-standing experience and adhesive expertise whether you are in Germany or another country entirely. More than 1,200 people across every continent work either for us or our subsidiaries to offer you the help and support you need.

5 manufacturing locations

23 distributors

80

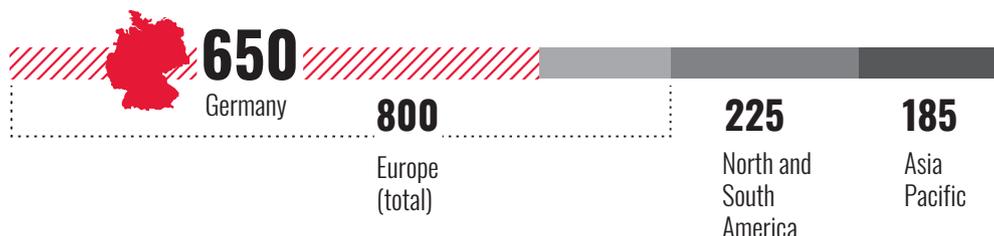
countries and counting – Jowat products in use around the world

40

trade fairs visited worldwide by Jowat on average each year

1,210

employees
worldwide



Europe

Most of the employees who work for our enterprise are based in Europe – just like us. Things all started for us back in 1919 in the Silesian town of Wrocław. After the end of the Second World War, the company headquarters were relocated to Detmold, which is where all the strands of our international activities still converge today. With three production facilities and ten distributors, not to mention a close network of dealers, we are firmly represented in the major European markets from Scandinavia to Turkey and from France to Russia.

Germany

Jowat SE, Detmold
Jowat Klebstoffe GmbH, Elsteraue
Jowat Pro GmbH, Lage

France

Jowat France S.à.r.l, Mâcon

United Kingdom

Jowat UK Ltd, Newcastle-under-Lyme, Staffordshire

Italy

Jowat Italia S.r.l., Osio Sotto (BG)

Netherlands

Jowat Nederland B.V., Fleringen

Poland

Jowat Polska Sp.z.o.o. sp.k., Poznań

Russia

Jowat OOO, Moscow

Sweden

Jowat Scandinavia AB, Malmö

Switzerland

Jowat Swiss AG, Buchrain (LU)

Turkey

Jowat Atasoy Yapıştırıcı Ürünler Ticaret A.Ş., Istanbul

UAE

Jowat Middle East FZE, Sharjah

America

With the opening of the High Point facility in North Carolina in 1978, Jowat laid the foundation for successful entry into the US market. Today, the Jowat Corporation is our largest subsidiary in the world. Meanwhile, the growing markets of North and South America are served by six locations, with a total of more than 200 people working for Jowat.

Brazil

Jowat do Brasil Ltda., Novo Hamburgo

Canada

Jowat Canada Ltd., Mississauga

Mexico

Jowat de México S. de R.L. de C.V., Tlalnepantla de Baz

USA

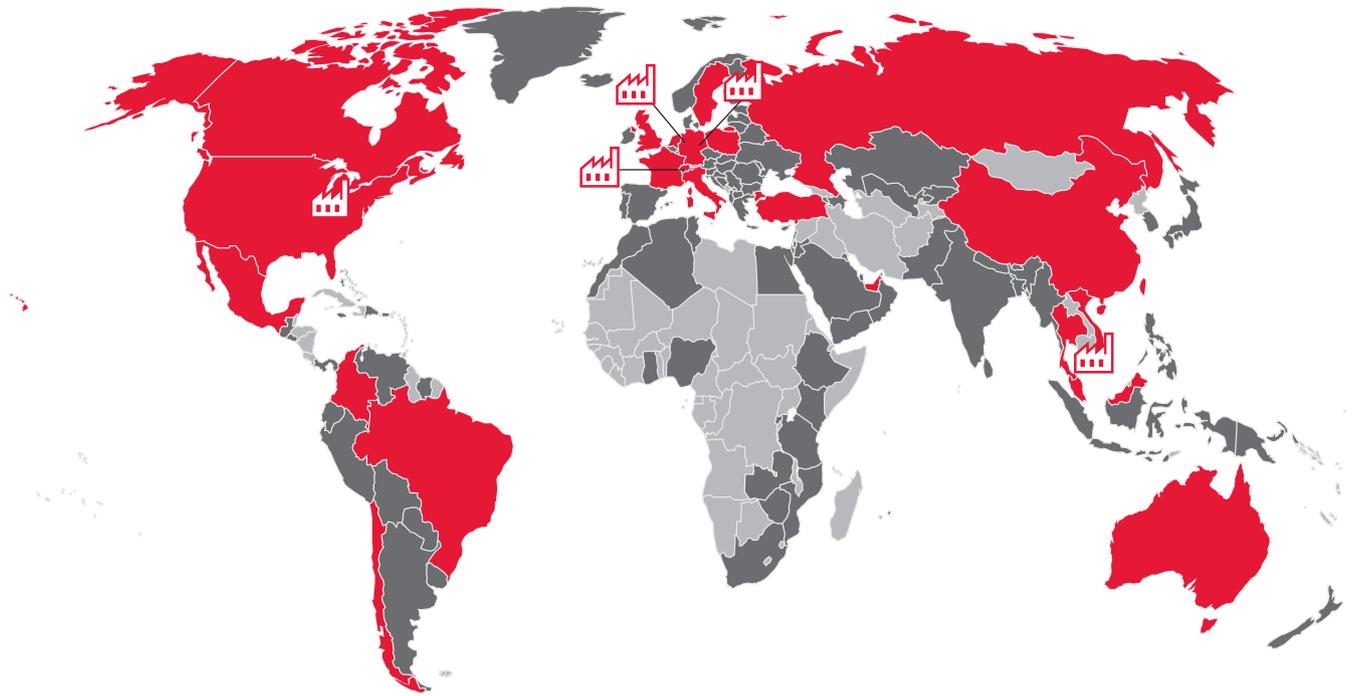
Jowat Corporation, High Point (NC)

Chile

Jowat Chile SPA, Santiago

Colombia

Jowat Andina S.A.S., Itagüí



Asia Pacific

The third pillar in our successful triad strategy is represented by Asia. The local economy here has been experiencing an upswing for years that is second to none. We recognised the potential of this rapidly growing market at an early stage and launched our Malaysian facility back in 2000. Our state-of-the-art production facility is now located in Bandar Enstek, which is perfect for supplying the markets in South East Asia and Australia.

Australia

Jowat Universal Adhesives, Australia Pty. Ltd., Ingleburn NSW

China

Jowat (Beijing) Adhesives Co., Ltd., Beijing

Malaysia

Jowat Manufacturing (SEA) Sdn. Bhd., Bandar Enstek

Thailand

Jowat (Thailand) Co., Ltd., Bangkok

Vietnam

Jowat Vietnam Ltd. Co., Ho Chi Minh City





In addition to ensuring the satisfaction of our employees, we also set great store by their personal development.

Employees

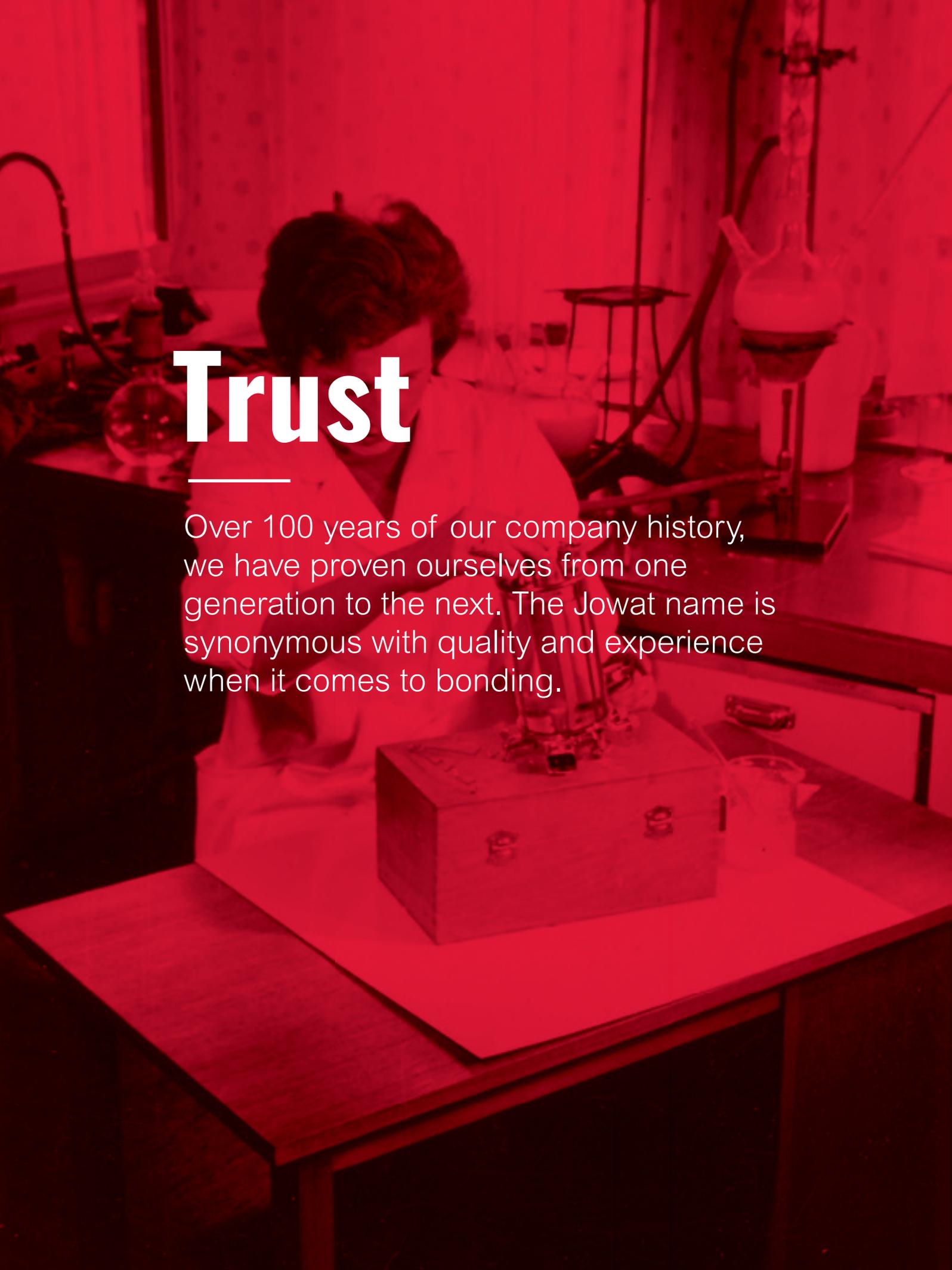
Whether in laboratories, in sales networks or on the streets, we have succeeded in making a name for ourselves around the world thanks to the tireless efforts of our employees.

Without our more than 1,200 employees, we simply wouldn't be in the position we are today. They are most definitely our greatest asset. And just like with our products, we are proud of our diversity: men and women are represented equally within our large team, which includes people from all age groups and over 30 different countries. These people are united in their passion for strong connections. We promote an active transfer of knowledge from which individuals through to entire departments can benefit by using the knowledge gained in a meaningful way for their tasks at hand. We need to know that we

can always count on the best team in the industry without compromising on our commitment to the values of a modern family business. This is why we encourage and support our employees by offering training and responsible activities as part of their everyday work. This applies to apprentices, career changers and experienced professionals alike. At the same time, we also offer them exciting tasks and attractive promotion opportunities both at home and abroad, which creates a sense of enthusiasm and real motivation with which our employees pursue their daily work.



Each of our employees makes a major contribution to the success of our company.



Trust

Over 100 years of our company history, we have proven ourselves from one generation to the next. The Jowat name is synonymous with quality and experience when it comes to bonding.

The glue story

Our history has been shaped by an industrially and socially diverse century. It was not without a number of challenges for our company, but we have successfully overcome each and every one.

The foundation stone for Jowat was laid by Johannes Watzlawczik in 1919 when he founded a glue wholesaler, which he named after himself. This represents the first step on the way to establishing bonding as an industrial joining method. In addition to the quality of the products, his impeccable reputation with his business partners also contributed to the successful development of the company. After his death in 1938, his sons-in-law and wife took over the management of the company.

In the post-war period, the company name was changed to Jowat – a combination of the initials of its original name. As a result of relocating the company headquarters to Detmold, the company started opening up new sectors, such as the automotive industry, and began its expansion worldwide. The success of Jowat was cemented further still by commissioning our own polymerisation reactors in the 1970s and start-

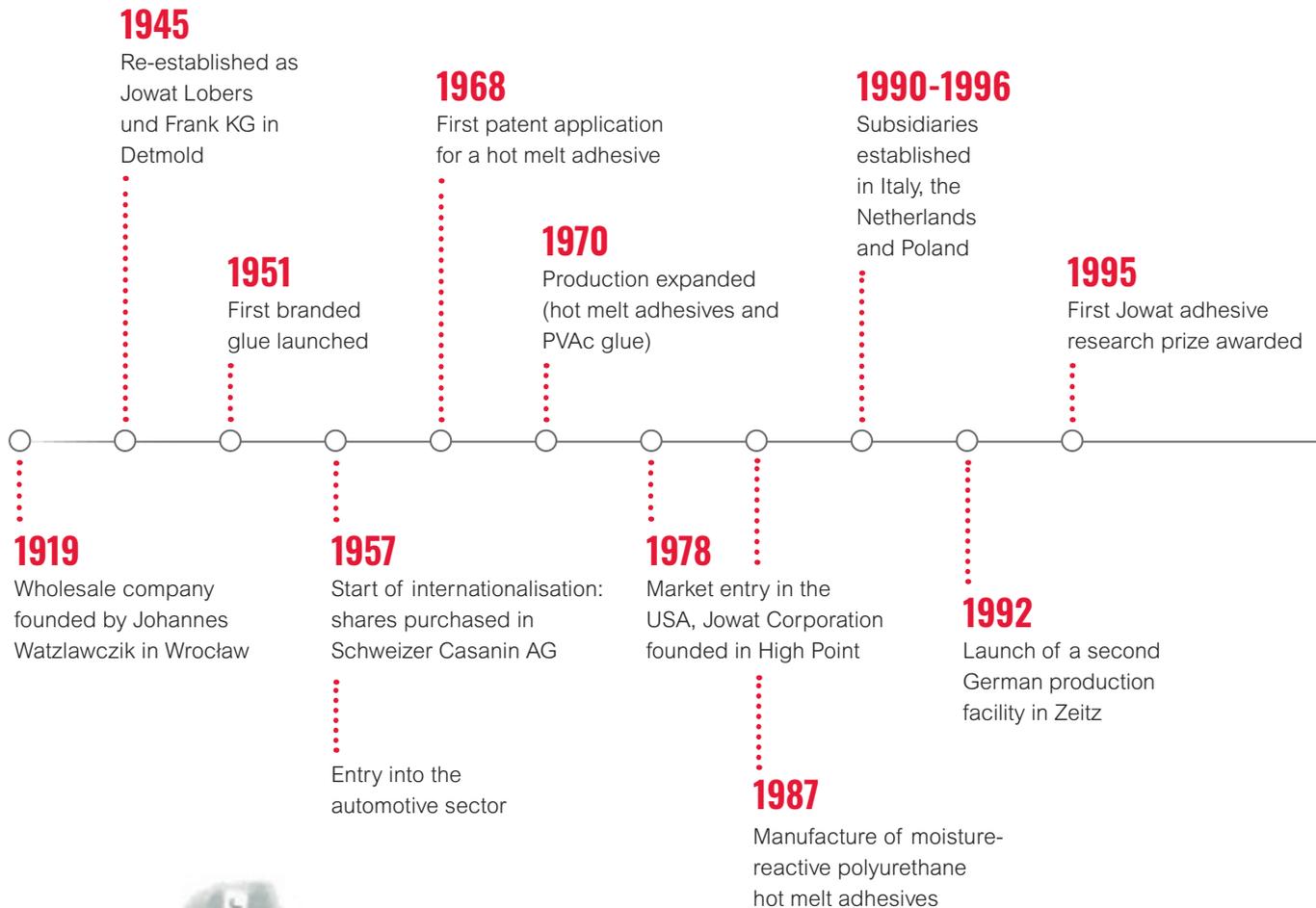
ing to produce moisture-reactive polyurethane hot melt adhesives. Our production processes have been expanding steadily ever since to keep up with growing demand. There is very little left of the original glue wholesaler today, but we continue to focus on the values of the family business: with great courage for new ideas and the pursuit of new, as yet unknown methods, we continue to write new chapters in the company's history. We are already looking forward to what the future holds for Jowat.

**The past was where we
laid the foundations
for us to build on
with our work today.**



Back where it all started: The glue wholesaler that went on to become Jowat as we know it today first opened in 1919 in Wrocław.

Constantly in motion



Times change, and so does our equipment: our transport vehicles then and now.

2000-2007

Subsidiaries founded in France, the UK, Mexico, UAE, Brazil, Russia, Scandinavia and Malaysia

2009-2012

Subsidiaries founded in Australia, China and Turkey

2009

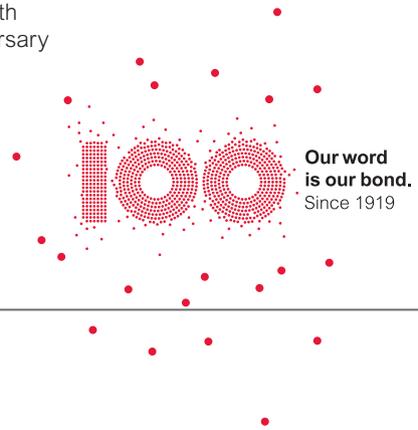
Casanin AG becomes Jowat Swiss AG

2015

Malaysian production facility relocated to Bandar Enstek

2019

Jowat celebrates its 100th anniversary



2003

Company converted to Jowat AG

2009

Production facility launched in Malaysia

2015

Company converted to a European corporation

2008

Adhesive factory built in Switzerland

2014-2018

Subsidiaries founded in Chile, Columbia, Vietnam and Thailand

2018

House of Technology built in Detmold
Partnership with Pidilite Industries Ltd. in India



Staying still has never been an option for us: we have spent the last 100 years constantly redeveloping and pursuing new projects. Trade, production and research are all crucial cornerstones of our day-to-day work. Our company is constantly growing as we seek to enter new markets and take root in ever more sectors. We even conduct research into innovative raw materials for the development of new products.

The story of our company still has plenty of chapters ahead: the constant drive to optimise our processes and improve our adhesive products is what keeps us going, and our aim is to maintain our status as application and innovation leaders in each of the industries we serve. As ever new technical innovations occur to the fore, the adhesives industry is going to continue to change, and we want to be the company that shapes these changes.



A relic from the past: a hand-written note detailing the formula for the now discontinued Jowat product Kapselfix® – a dip coating for sealing bottles.

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**We know just as little as
Johannes Watzlawczik knew
back then about what the
future holds for us. But we
are never going to rest on
our laurels. We still have
a long way to go.**



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