

THE ZSCHIMMER & SCHWARZ GROUP

Chemistry tailor-made.



ZSCHIMMER & SCHWARZ



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ZSCHIMMER & SCHWARZ

Chemistry makes it possible.

Cosmetic products that also gently nourish sensitive skin. Sports shoes in which your feet don't get wet, no matter how big the challenge. Detergents that not only wash but also clean. Tiles that are colourful, stable and easy to care for. With the help of modern chemistry, everyday life becomes more colourful, durable, safer and cleaner.

Whether to the cosmetics and care industry, clothing sector or construction industry, or for the manufacture of dyes and paints, automotive and mechanical engineering, or consumer-goods production – Zschimmer & Schwarz supplies a wide variety of industries with tailor-made chemical auxiliaries and specialties, always in the background but at the same time an innovative driving force for making products more effective, robust, versatile and efficient. Because chemistry makes it possible.





1%

The percentage of different additives in the production of tableware is 1%.

80%

Shower baths consist of approximately 80% water, the rest is washing and care components.

In 1909,

the company started its first own
production on a factory site in the
Thuringian town of Greiz-Doelau.

Otto Fuchs





HISTORY

Progress since 1894.

When Otto Zschimmer and Max Schwarz founded a chemical wholesaler in 1894 and began producing their own chemical products in 1909, the world was a completely different place. After all, who at the time could have foreseen the events that would shape the 20th century? The history of Zschimmer & Schwarz is therefore also a history of Germany, and a history of constant change.

Originally founded in Chemnitz, following the division of Germany after WW2 the company relocated its headquarters to Lahnstein. But this division was followed by a different kind of coming-together: As Europe started to grow together, the company began expanding into other countries, starting with the foundation of Zschimmer & Schwarz France in 1960. And finally, what belonged together once again came together: After German reunification, the company was able to return to its Saxon roots with the foundation of Zschimmer & Schwarz Mohsdorf GmbH in 1993.

Today, the company is active in markets on all continents, and supplies its products by land, sea and air. With subsidiaries in numerous countries it is always close to its customers, and generates two thirds of its turnover abroad. In the 21st Century, Zschimmer & Schwarz is a strong symbol of a world that is growing closer together.



Max Schwarz

In 1931,

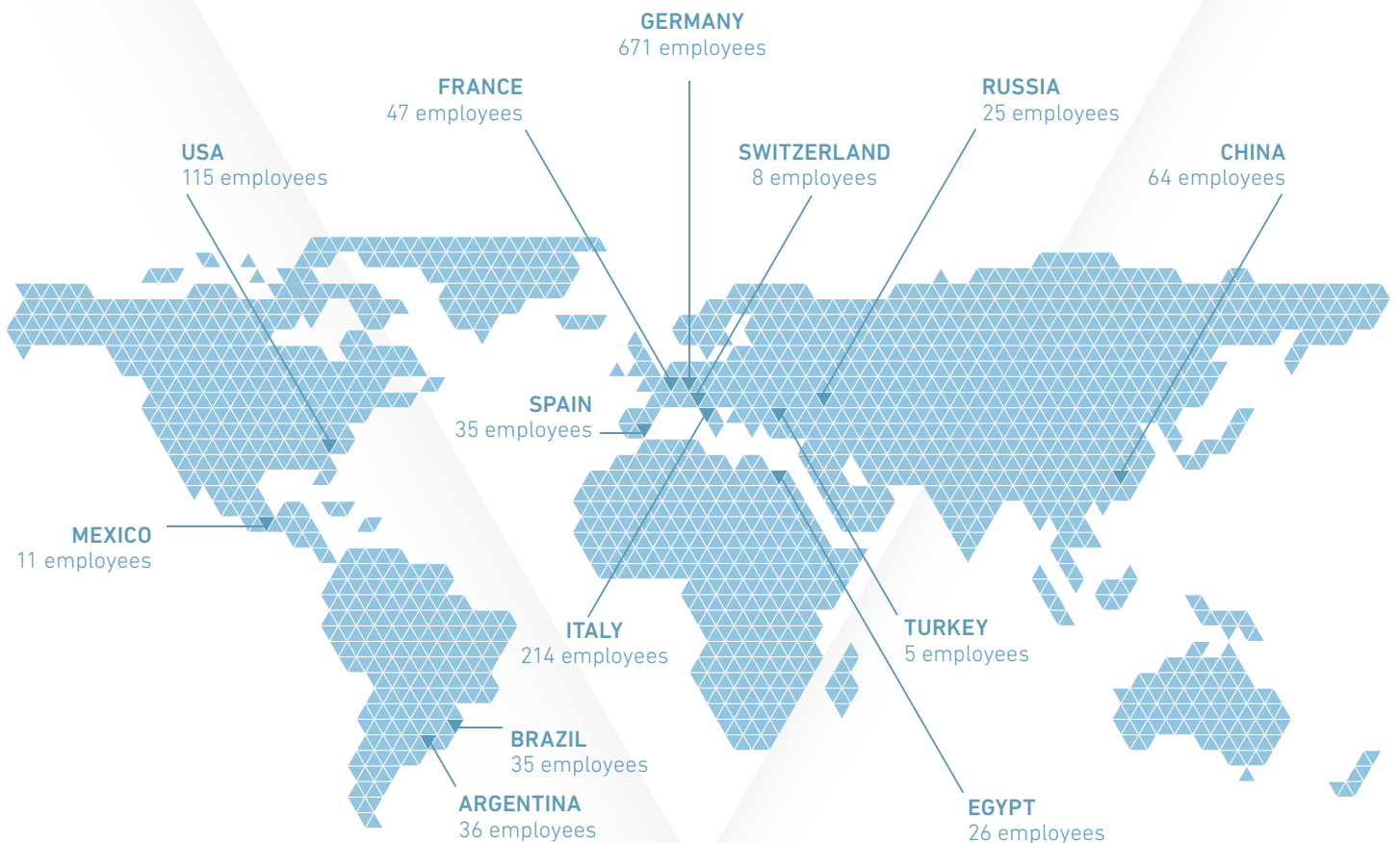
the first step into organic chemistry began with the production of fatty alcohol sulphates.

INTERNATIONALITY

Connections for the world.

With 29 companies in 15 countries on five continents, the Zschimmer & Schwarz Group, founded in 1894, is today a leading manufacturer of speciality chemical products. Well-known manufacturers from numerous countries and a wide variety of industries rely on our tailor-made solutions.

The ceramic, textile, chemical-fibre and leather industries, manufacturers of cosmetics and cleaning products and other chemical sectors rely on Zschimmer & Schwarz's innovations worldwide. With scientific curiosity and ingenuity, our employees are systematically seeking to improve everyday life for everyone with the help of our products.





PERSONNEL

Every talent in its element.

Our employees are our most valuable asset. Their dedication, imagination, reliability and loyalty are the source of our long-term success. Around 1,300 employees – more than 500 at our headquarters in Lahnstein – work for the Zschimmer & Schwarz Group worldwide in chemical, commercial, information technology and technical professions.

We are well aware of the value of our workforce to our company. That is why we want to continuously give something back to our employees and society. We support talented people with training and further education, and offer them long-term prospects. Even in times of globalisation, we stand for the values of a traditional family-owned company. The foundation of our success is a philosophy based on sustainability, openness, trust, being there for each other and cooperation.



100%

of the raw materials
are tested in our own
laboratories worldwide.

QUALITY CONTROL

Chemistry? Most definitely!

Trust is good. But our control is better! Zschimmer & Schwarz stands for consistently high-quality products, all over the world. In order to work constantly at the highest level, we subject all production steps to strict tests – from the supply of raw materials to the dispatch of our finished products. All processes, analysis methods and machinery comply with the latest standards and are monitored by highly-qualified employees.

However, our internal measures are only one element of our quality management. Equally important is the constant communication with our customers and partners. This is because only through open dialogue can we react to wishes and specific requirements, consistently optimise products and applications, and develop the tailor-made solutions that the market expects from Zschimmer & Schwarz.

ENVIRONMENTAL PROTECTION

The formula for future success.



The economy is turning green. Sustainability, resource conservation and environmental protection are becoming increasingly important in German industry. After all, we must all jointly seek to preserve our planet for future generations. The chemical industry in particular is under special scrutiny and is increasingly being called upon to take responsibility for its activities – and rightly so!

Zschimmer & Schwarz is proof that the chemical industry and environmental protection are not contradictory. With modern safety and protection measures as well as internal and external control authorities, we ensure that processes are in place to protect the environment in all work steps. All wastewater is treated in a company-owned wastewater treatment plant and emissions are kept to an absolute minimum. From transport through to further processing by our customers, our products are rigorously tested for their environmental compatibility.

Our commitment is signed and sealed, with our quality-management system naturally certified according to DIN EN ISO 9001. In addition, as a member of Responsible Care, we are committed to continuous improvement in the areas of the environment, safety and health, irrespective of legal requirements. With these and numerous other measures, we as a company want to prove that we aren't just fulfilling our duty, but also always going one step further. From the procurement of raw materials and the health of our employees through to the development of new environmentally-friendly products, Zschimmer & Schwarz is shaping a sustainable future that will offer people all over the world a higher quality of life.

3,600

Together with over 3,600 members of the Roundtable on Sustainable Palm Oil (RSPO), Zschimmer & Schwarz contributes to the promotion of sustainably produced palm oil.

More than the sum of the individual elements.

During the morning shower, on the way to work, in the office, at home, during leisure time and even while sleeping, Zschimmer & Schwarz products are constant companions in everyday life thanks to their versatility. Everywhere and around the clock.

LEATHER AUXILIARIES

FIBRE AUXILIARIES

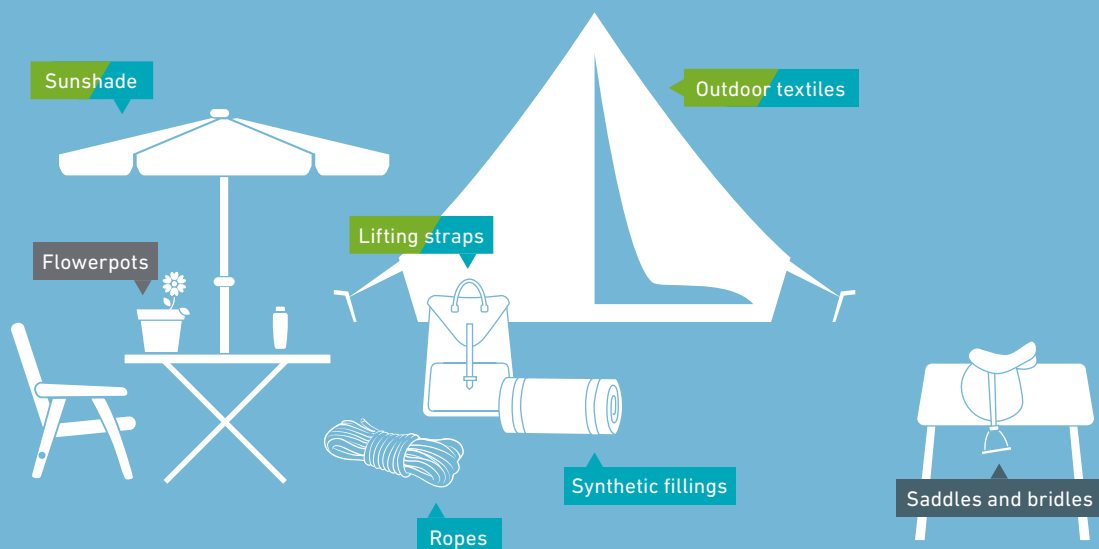
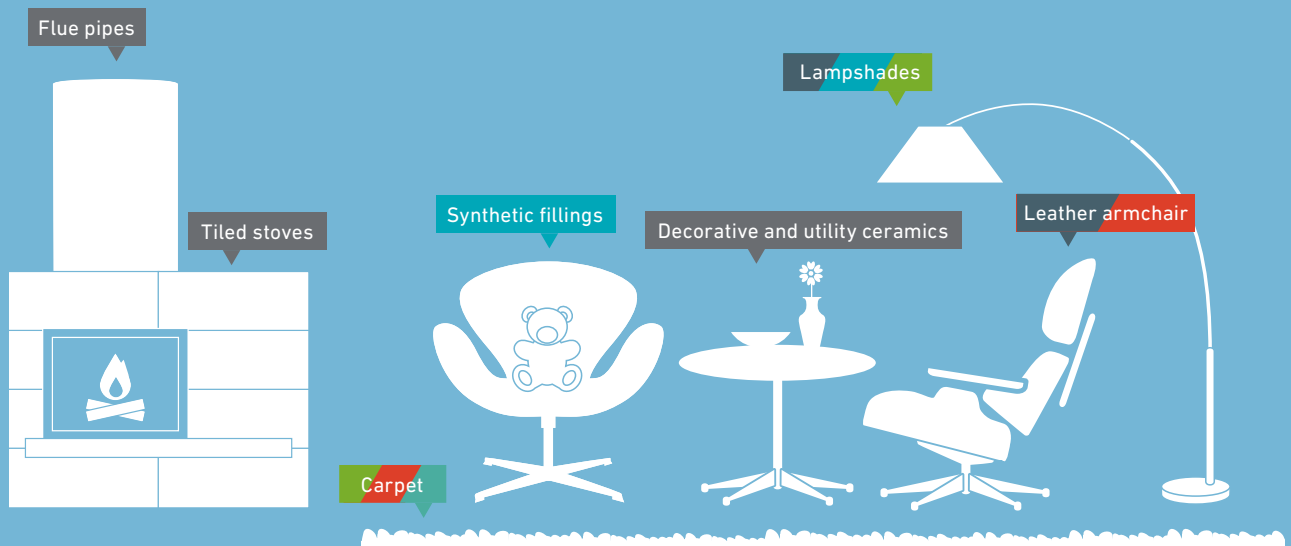
PHOSPHONATES

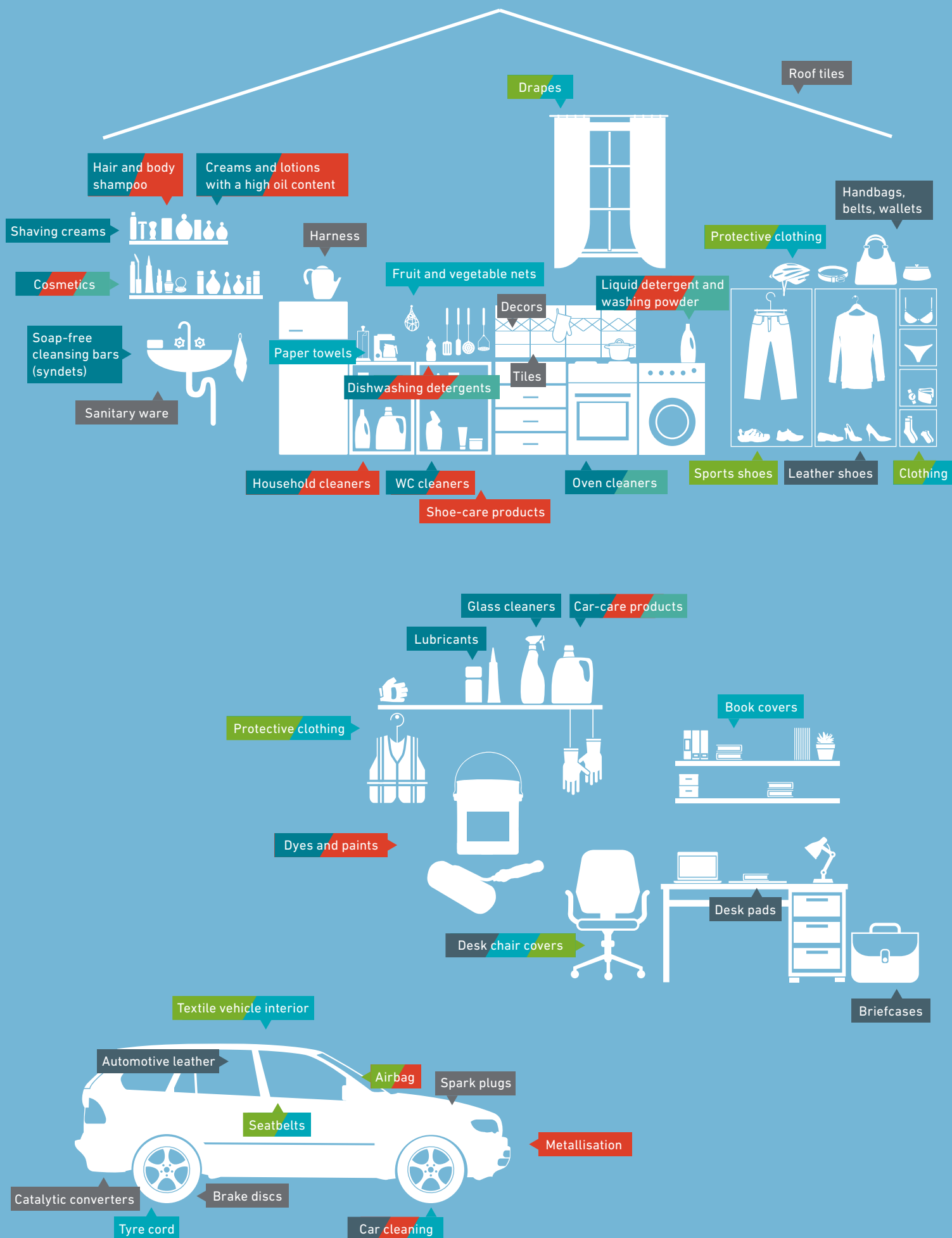
CARE SPECIALITIES

TEXTILE AUXILIARIES

POLYMERS

CERAMIC AUXILIARIES







3.5 billion

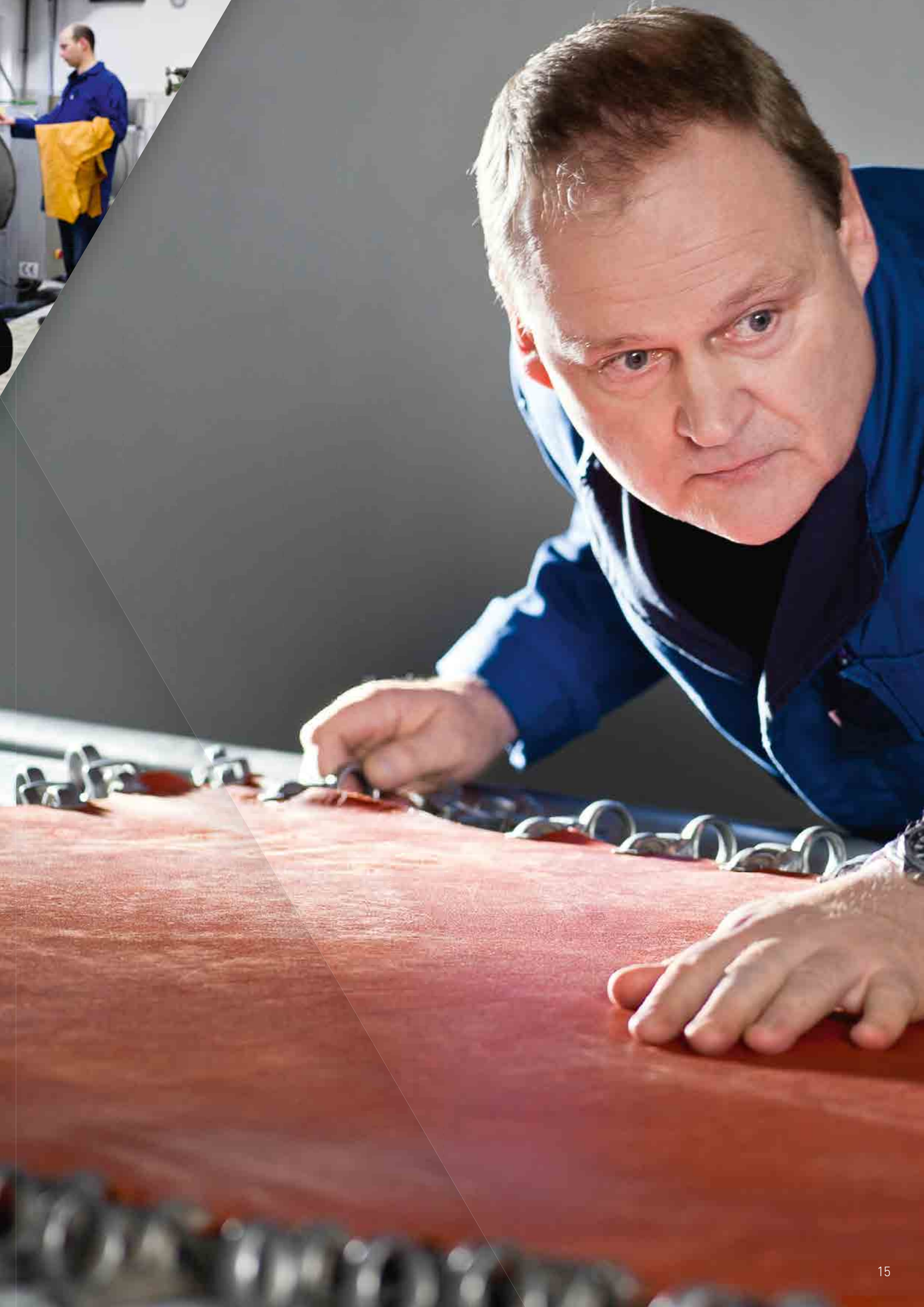
pairs of leather shoes are
produced every year worldwide.

LEATHER AUXILIARIES

Like a second skin.

Shoes that climb to the top of every mountain. Jackets that protect against wind and weather. Bags that always stay in shape even under the greatest stress. Thanks to its refined appearance and robust properties, leather is an integral part of our everyday life. Zschimmer & Schwarz's auxiliaries are used in the manufacturing process to give the material its unique characteristics such as softness, fullness, structure and strength.

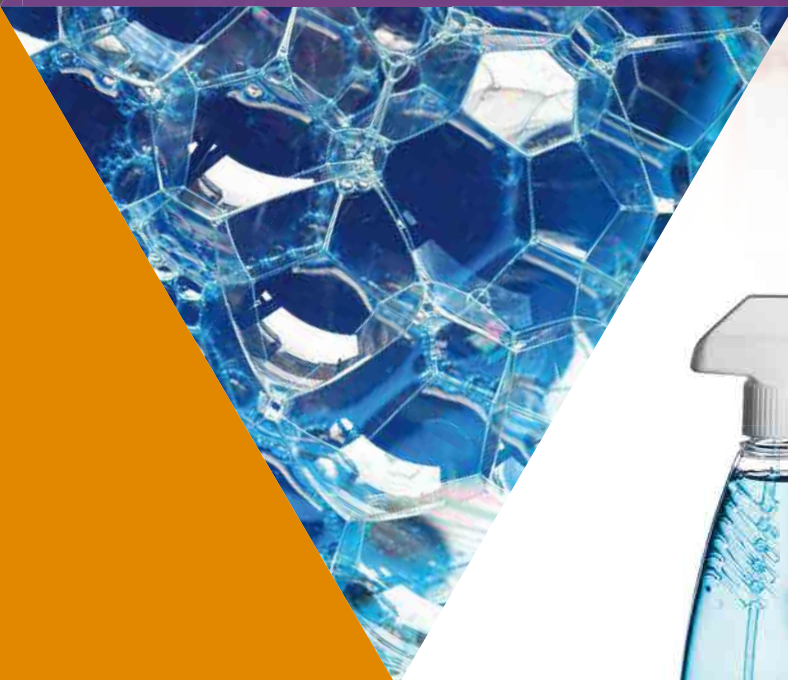
The consulting expertise of our leather specialists guarantees that our innovations are always perfectly tailored to the requirements of our customers. With a versatile product range and traditional proximity to the fur and leather industry, we offer our clients around the world tailor-made solutions for their markets.



Up to **100%**
protection against corrosion
through the use of ZUSOTEC
CP types in acid cleaner
formulations.



Up to **60%**
high-quality, natural, caring
oils can be incorporated into
cosmetic formulations with
surfactant systems.





CARE SPECIALITIES

The purest innovation.

Cosmetic products, detergents and lubricants, medical and textile products, fire extinguishing agents – surfactants are used in households and industry wherever purity, hygiene and care are absolutely essential. What sounds like a modern development in actual fact has a long history. The cleansing effect of surfactants is not an achievement of the modern age. But with their versatility, efficiency and environmental friendliness, our industrially-produced, tailor-made solutions constantly offer our customers new possibilities – for the sake of mankind and nature.

Products with special properties for every type of skin, hair, fabric and material make it easier for us to thoroughly clean our bodies, textiles, homes and tools in everyday life. And because care means care in every respect, we also develop advanced surfactants for dyes and paints with the know-how of our decades of experience. Non-stop new ideas for new markets – at Zschimmer & Schwarz, progress means never resting.

A close-up, high-angle shot of a modern kitchen sink. The sink is made of a light-colored, possibly white or light grey, material with a smooth, slightly reflective surface. A chrome faucet is positioned on the left side of the frame, its handle and spout extending upwards. To the right of the faucet, a small, rectangular, metallic object, possibly a soap dispenser or a small container, sits on the sink's edge. In the bottom right corner, a white ceramic cup filled with a yellow liquid, likely tea or coffee, is visible. The background is a solid, light grey color. The overall lighting is soft and even, highlighting the textures and materials of the objects.

1,500 °C

The firing temperature for sintering ceramics is between 1,050 and 1,500 °C, depending on the manufactured product.



CERAMIC AUXILIARIES

Fire and flame.


Ceramics are used in the kitchen, bathroom and on the roof, in industry, medicine and even outer space, as utensils and decorative objects, as well as components and tools. They are temperature-resistant, robust, low-maintenance, aesthetically-pleasing and versatile, and people in a wide range of areas rely on their unique properties. In order to ensure that these properties always meet the highest quality standards, we offer the optimal chemical auxiliaries for their manufacture.

We offer an extensive portfolio of additives to achieve the desired results for a wide variety of work steps such as processing, shaping, glazing and decorating. With our competence in chemistry, ceramics, glass and powder metallurgy, we continue to consistently develop and optimise our range of auxiliary materials in order to meet the increasing demands and possibilities of industry and our customers.



200 pl

In digital printing, up to
0.0000000002 l (= 200 picolitres)
of paint is applied to the surface of
a tile with one drop.



FIBRE AUXILIARIES

Quality with every fibre.

It is impossible to imagine our everyday life without man-made fibres, whether in hygiene articles, medical products, clothing, home textiles and also in the automotive sector. In the production and further processing of filament yarns, fibres and nonwovens, our chemical auxiliaries ensure economical and high-quality results.

Our spin finishes and components enable smooth processes and tailor-made products. They are specifically designed for use in the production of chemical fibres and nonwovens. A wide variety of lubricants for nonwovens allows us to customise the finish according to the customer's requirements. Our special solutions stand for efficiency, effectiveness, quality and service – so that everything runs smoothly in production for our customers.



Approximately

125,000 diapers

can be manufactured with 1 kg of finish – enough
diapers to cover 1.4 football pitches.



6,500 m/min

With our spin finishes, up to 390 km/h
or approx. 6,500 m/min of polyester yarn
can be produced.





100 m²

textiles can be digitally printed with
1 kg of ink. This corresponds to around
67 fully-printed T-shirts.

1,000,000 t

If 10% of all cellulosic fibres worldwide were
dyed with reactive dyes and ecologically
soaped at 70 °C, the steam consumption
for heating the post-soap treatment
baths could be reduced by approx.
1,000,000 tonnes.



TEXTILE AUXILIARIES

Substances for fabrics.

Bright, odourless, stable, insensitive to environmental influences and colourful even after multiple washes – these are the characteristics customers nowadays expect from their textiles. Whether for the production of clothing, outdoor, vehicle or home textiles, our auxiliaries for textile finishing and digital printing are always guaranteed to be an exact fit.

Textile auxiliaries were Zschimmer & Schwarz's first business area when it was founded in 1894, and consequently combine history with the future, tradition with innovation. Polyamide aftertreatment, anti-yellowing protection, technical textiles, digital printing – with practice-oriented special products, proactive service, eight sites and numerous partners in the key textile centres, we anticipate fashion trends, markets and customer wishes.



PHOSPHONATES

Washed as only we know how.

When using water, it is impossible to imagine modern society without phosphonates. In addition to conventional applications in industrial water treatment, organic phosphonic acids and their salts have opened up numerous other areas of application. Whether for private households or multinational corporations, phosphonates are used in the manufacture of a wide variety of products.

In oil production, desalination plants and cooling-water systems, in the paper and textile industry, in detergents and cosmetics – thanks to their unique properties, our phosphonates achieve cost- and energy-efficient results everywhere. We manufacture products in our modern facilities that are precisely tailored to customer requirements and which are subject to the highest safety, quality and environmental standards.



Approximately

5,000,000,000

dishwasher tabs were produced with our
HEDP granules (CUBLEN® K 8514 GR,
CUBLEN® K 8514 GP) in 2016.

POLYMERS

What brilliance in our midst.

A strong core for a beautiful shell: The products of Zschimmer & Schwarz's subsidiary Interpolymer help customers bestow radiance to a wide variety of surfaces. The versatile applications range from the manufacture of floor and shoe-care products to cosmetics production and industrial applications.

Our surface-treatment solutions optimise the maintenance, appearance and preservation of a wide range of products. Innovative consumer specialities are used in body and household care, while industrial specialities help with coating and sealing. With our international roots and strong global orientation, we offer our customers from all over the world the entire spectrum of polymers – always state-of-the-art, and always tailor-made.





0.02 mm

is the dry-layer thickness of
a floor-care product.

1,150,000,000

nail-varnish bottles were sold worldwide in 2015.



Chemistry tailor-made

► **Zschimmer & Schwarz**
Chemie GmbH
Max-Schwarz-Straße 3–5
56112 Lahnstein | DE
T +49 2621 12-0 | F +49 2621 12-575
info@zschimmer-schwarz.com
zschimmer-schwarz.com