

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 your laundry. 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 it's the cosmetics and care industry, the clothing sector or the construction business – Zschimmer & Schwarz supplies a wide variety of industries with tailor-made chemical auxiliaries and specialities. Be it the manufacture of dyes and paints, automotive and mechanical engineering or consumer-goods production – we always remain in the background. Still, we are a driving force in terms of innovation and we develop products that are 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%

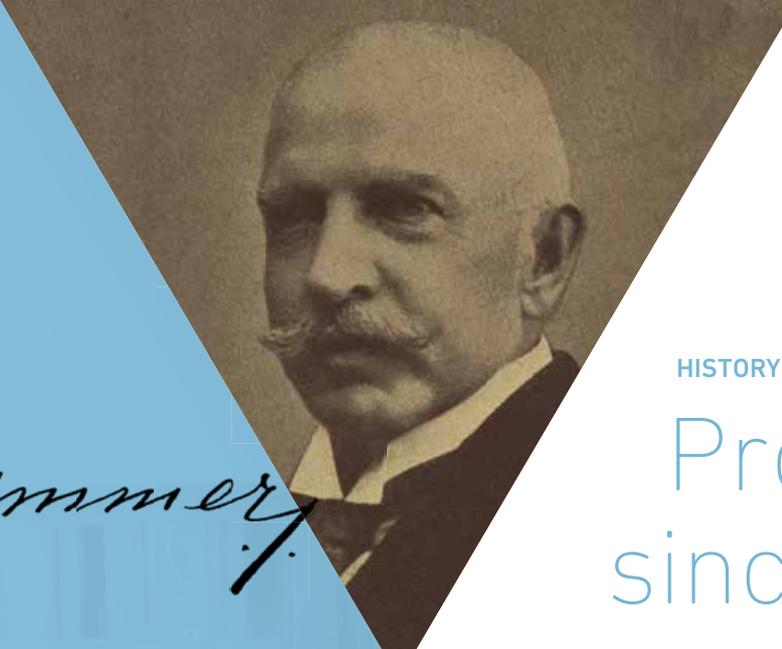
Shower baths consist of approximately 80% water, the rest are washing and care components.

In 1909,

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

Otto Krebs





Zschimmer

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 of constant change.



Originally founded in Chemnitz, the company relocated its headquarters to Lahnstein following the division of Germany after WW2. However, 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 the 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
was taken with the production of
fatty alcohol sulphates.

INTERNATIONALITY

Connections for the world.

Today, with 28 companies in 15 countries on five continents, the Zschimmer & Schwarz Group, founded in 1894, is 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 as well as other chemical sectors worldwide rely on Zschimmer & Schwarz's innovations. With scientific curiosity and ingenuity, our employees systematically seek 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 worldwide – more than 500 at our headquarters in Lahnstein – work for the Zschimmer & Schwarz Group 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 to society. We support talented employees 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

We like to play it safe!

Trust is good. But our control is better! Zschimmer & Schwarz stands for products of consistently high quality all over the world. In order to constantly work 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. The constant communication with our customers and partners is equally important. It is only through open dialogue that we can 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 the 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 mutually exclusive. By using 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 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 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 environment, safety and health, irrespective of legal requirements. By taking these and numerous other measures, we want to prove that we do not just fulfill our duty, but always go one step further. From the procurement of raw materials and the health of our employees 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.

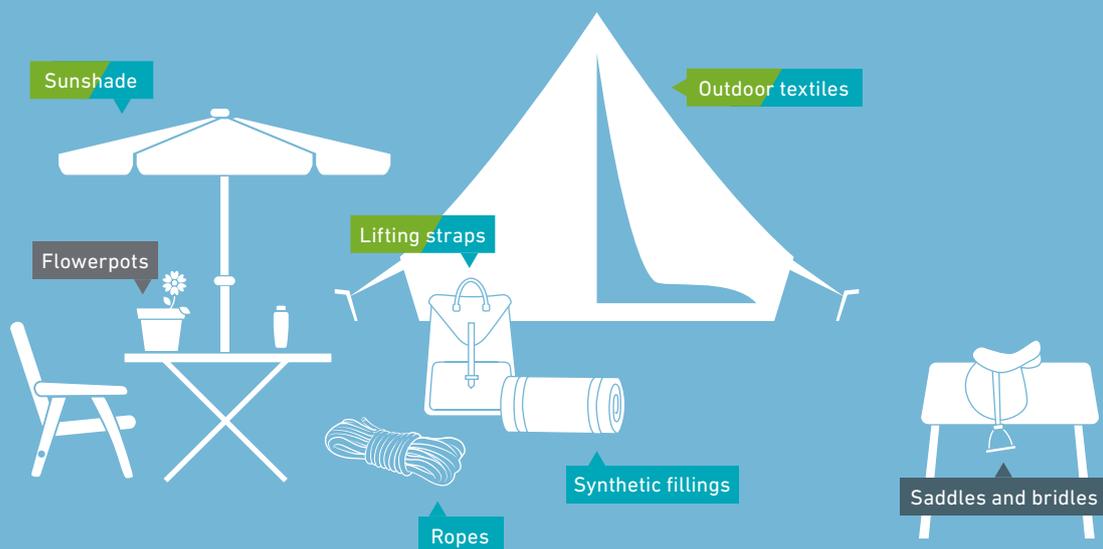
3,600

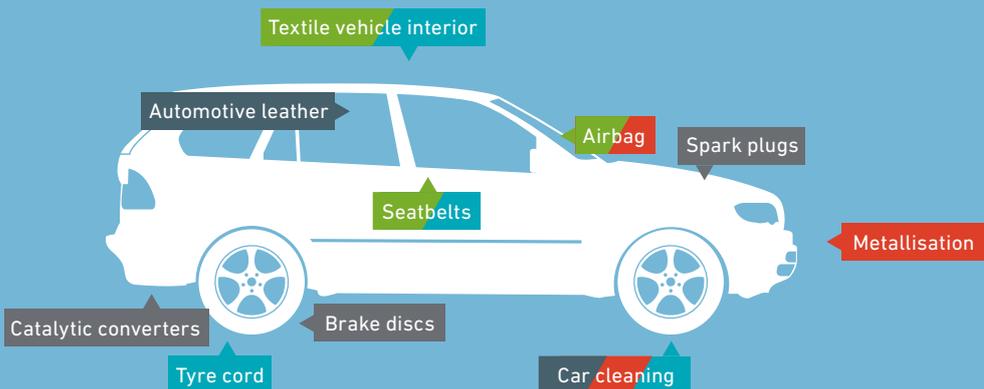
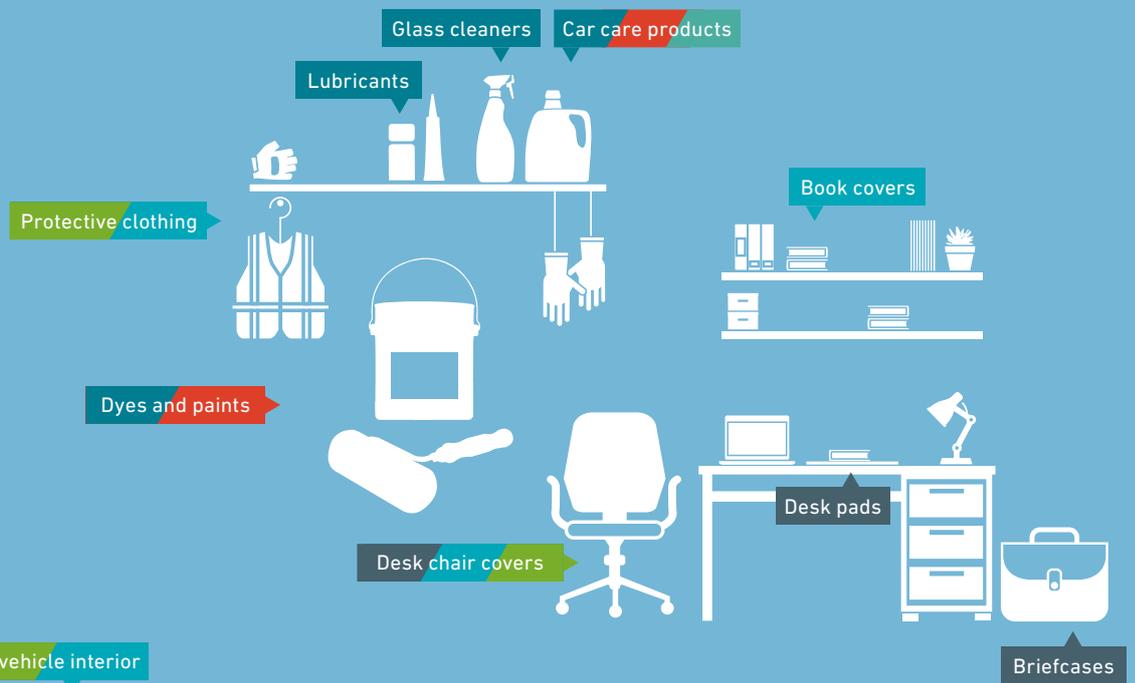
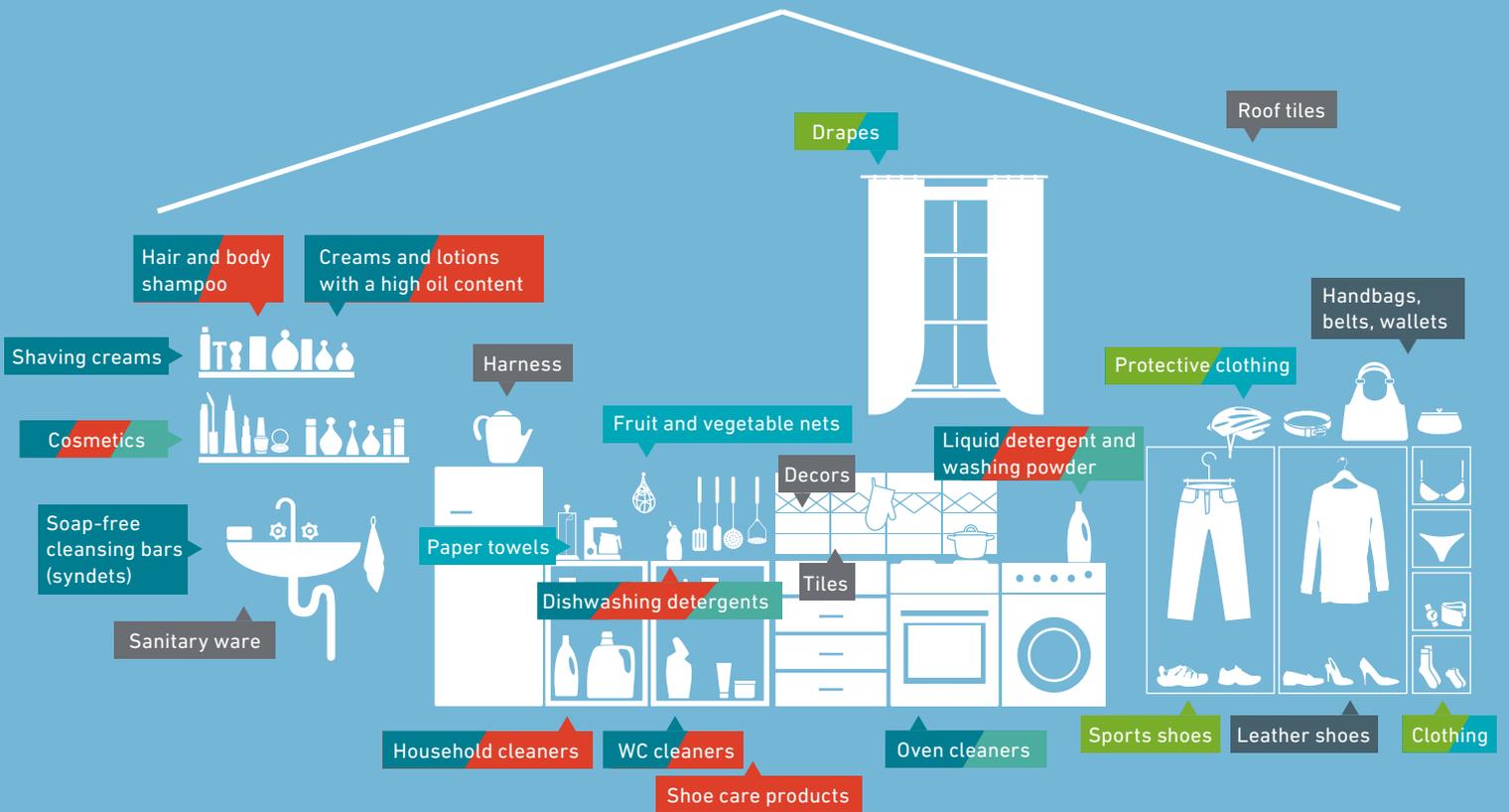
Together with over 3,600 members of the Roundtable on Sustainable Palm Oil (RSPO), Zschimmer & Schwarz contributes to the promotion of sustainably produced palm oil.

More than the sum of the individual elements.

During your morning shower, on the way to work, at the office and at home, during leisure time and even while you are asleep, 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

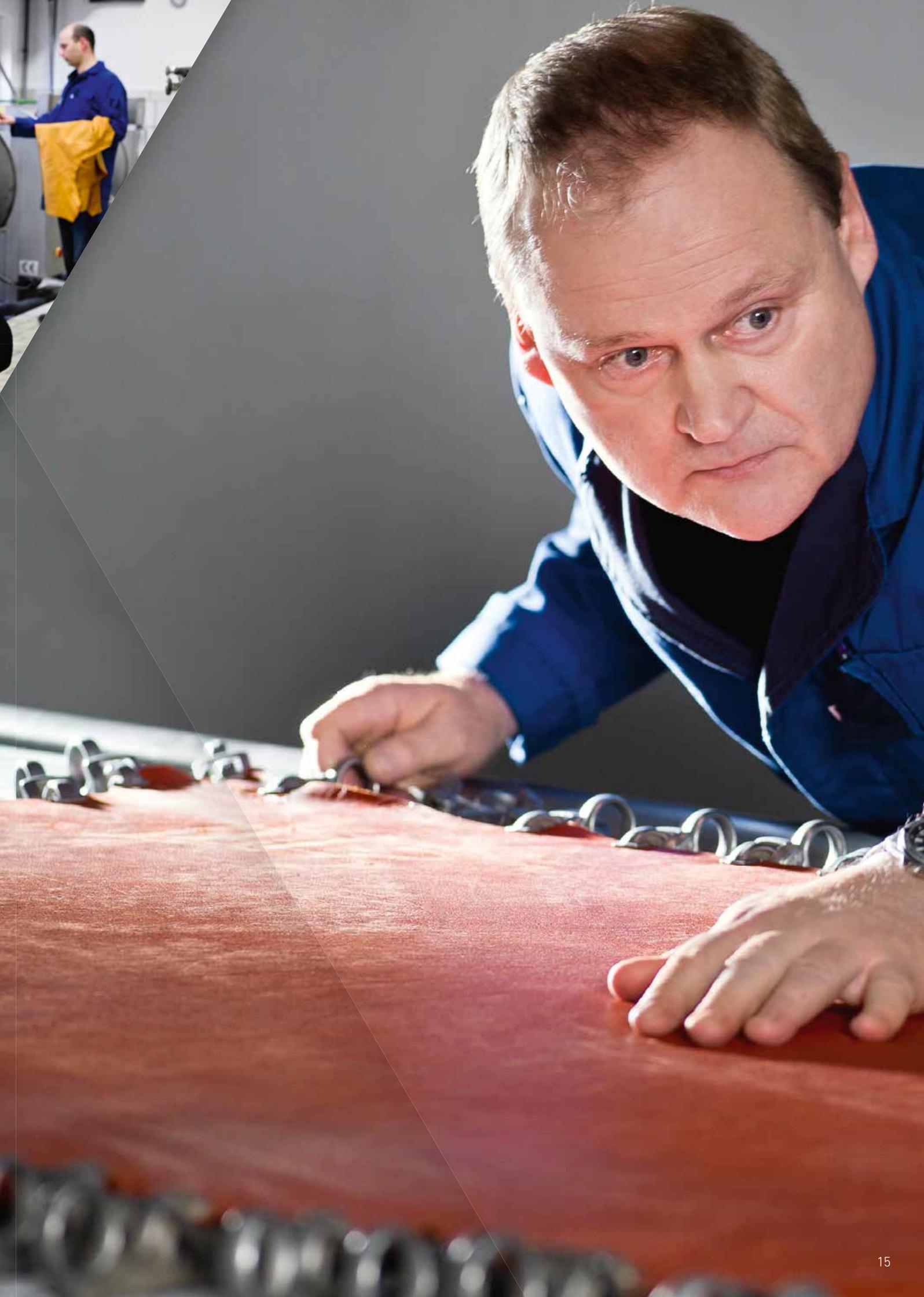
pairs of leather shoes are produced worldwide every year.

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.



1,500 °C

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



CERAMIC AUXILIARIES

On fire.

Ceramics are used in the kitchen, in the bathroom and on the roof, in industry, medicine and even outer space, as utensils and decorative objects and as components or 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 develop 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 the industry and our customers.



200 pl

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

FIBRE AUXILIARIES

Quality with every fibre.

It is impossible to imagine our everyday lives without man-made fibres, whether in hygiene articles, medical products, clothing, home textiles or 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

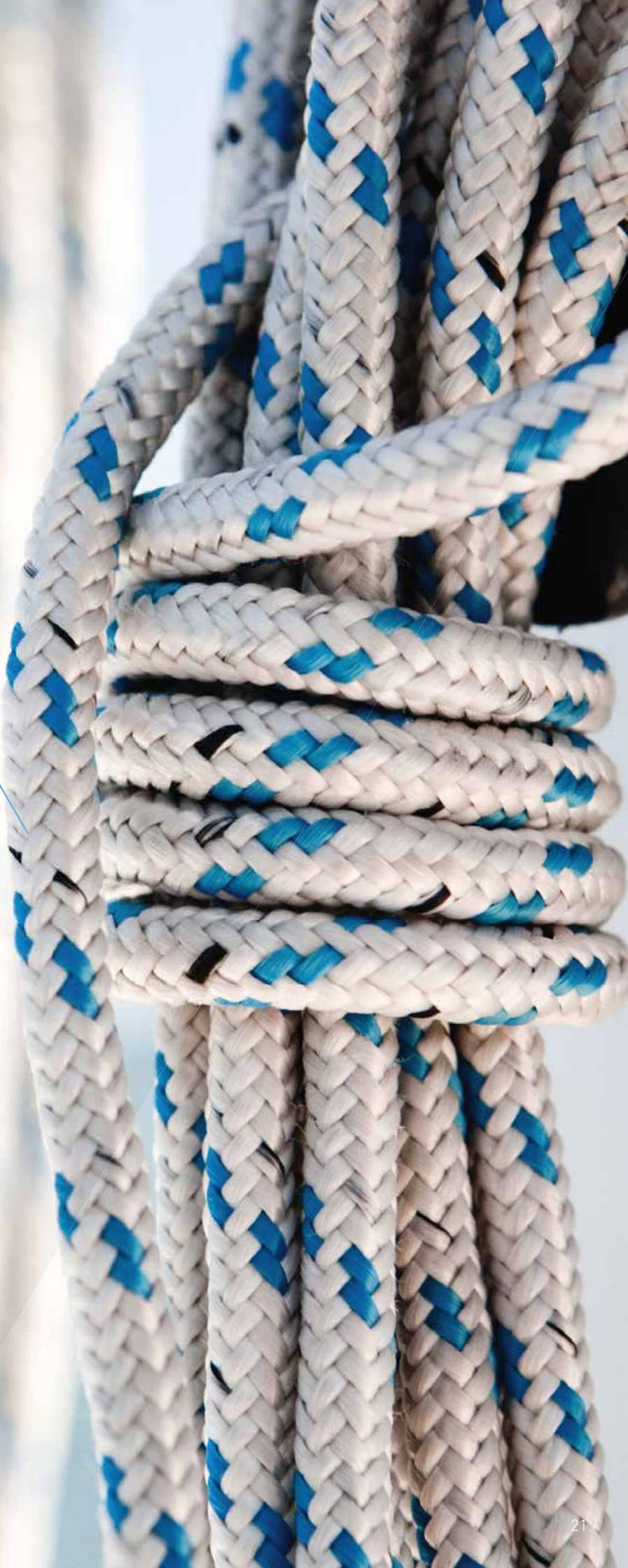
125,000 diapers

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



6,500 m/min

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





100 m²

1 kg of ink is sufficient to digitally print on 100 m² of textiles. 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

An issue of tissue.

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 and tradition with innovation. Polyamide aftertreatment, anti-yellowing protection, technical textiles, digital printing – with practice-oriented specialty products, proactive service, eight sites and numerous partners in the key textile centres, we anticipate fashion trends, markets and customer wishes.



PHOSPHONATES

Of the first water.

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

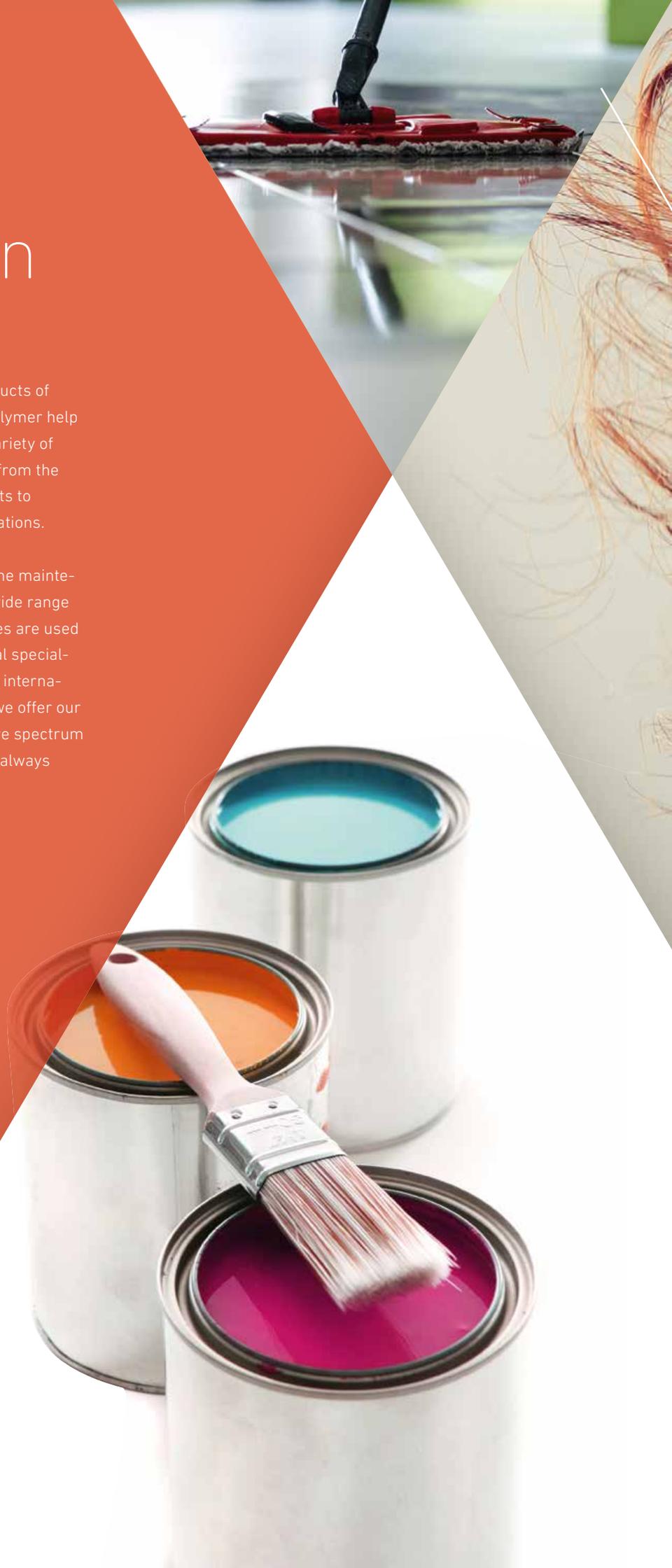
dishwasher tabs were produced with our HEDP granules (CUBLEN® K 8514 GR and CUBLEN® K 8514 GP) in 2016.

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 upon 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 specialties are used in body and household care, while industrial specialties 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.



A close-up photograph of a woman's face, focusing on her eyes and hand. She has voluminous, wavy red hair. Her eyes are closed, and she is wearing shimmering gold and red eyeshadow. Her hand is positioned near her chin, with her fingers showing a vibrant purple nail polish. The lighting is soft and warm, highlighting the textures of her hair and skin.

0.02 mm

is the dry film thickness of a
floor care product.

1,150,000,000

bottles of nail varnish were sold worldwide in 2015.



Chemistry tailor-made

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