



## KEMPER SYSTEM's customer magazine

Issue 01.2019

# BEHIND THE SCENES RESEARCH & DEVELOPMENT AT KEMPER SYSTEM


NEW: KEMPERDUR LASI  
**A load of innovation**

Löwenburg Castle in Kassel  
**New materials in old masonries**

# THE NEW KEMPEROL APP

Along with the relaunch of our website, there is another innovation in the digital KEMPER SYSTEM world: the free KEMPEROL app offers even more service for our customers.

The user-friendly app combines information and practical features. In addition to a quantity calculator, adhesive strength measurement and a dealer locator, which can also be found on our website, the app offers the features of area measurement, marking of damaged areas and current weather information, including the dew point.

 New: **Innovative area measurement**

 New: **Marking of damaged areas**

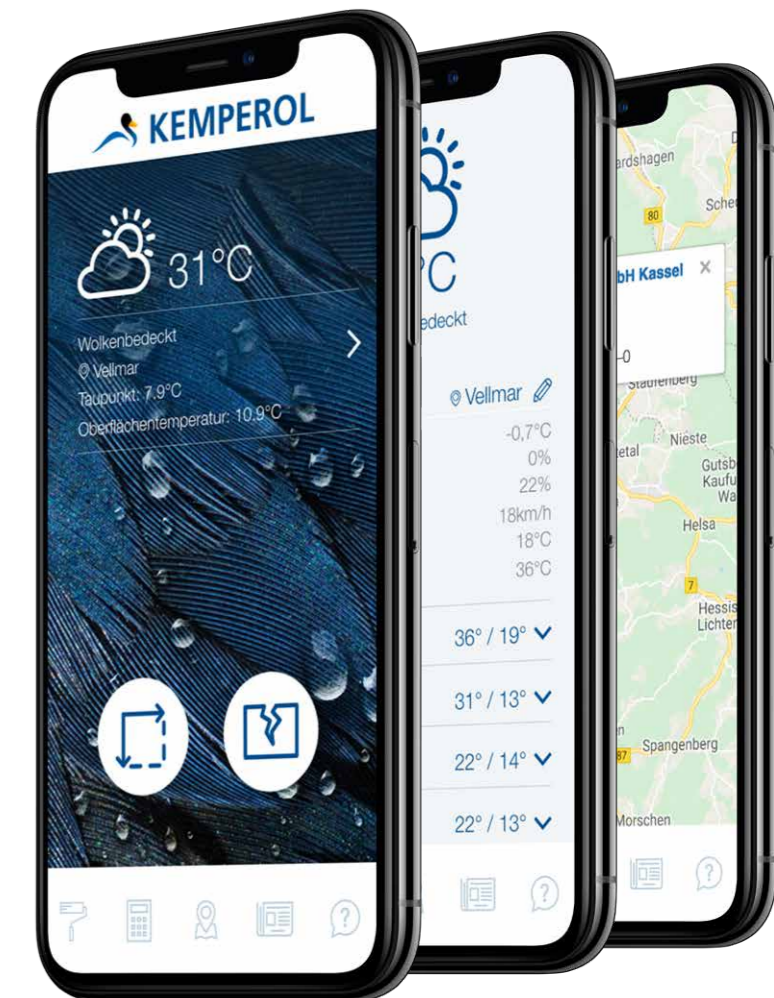
 New: **Weather incl. dew point**

 **Quantity calculator**

 **Dealer locator**

 **Adhesive strength measurement**

 **KEMPEROL News**



**COMING SOON!**

The new KEMPEROL App will be available in English next year.

“FOR US, PROXIMITY TO CUSTOMERS MEANS THAT WE ARE DIGITALLY AVAILABLE AND AT THE SAME TIME A COMPETENT CONTACT PARTNER ON SITE.”



## FOREWORD

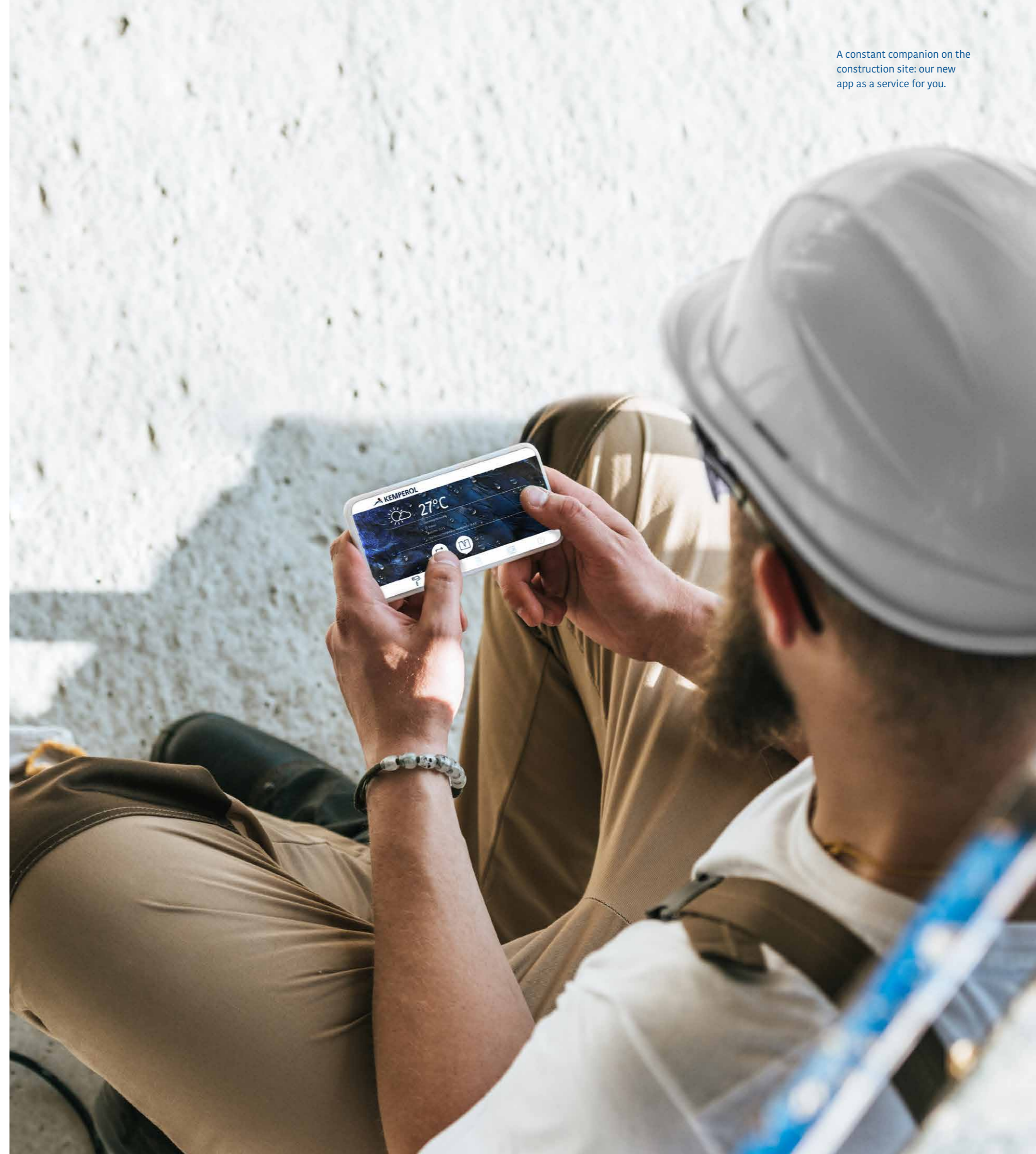
Anyone who knows us knows that **KEMPER SYSTEM** is always in motion. Because we want to meet the constantly changing requirements. Because we already have tomorrow's challenges in mind today. And because we stand for one thing above all else: innovation. For this reason we are always up with the latest trends – with our products, with our service and with our proximity to the customer, to you. In the past months we have updated our website and added everything we could to make your visit there comfortable and effective. And we have launched our own app for you, which makes our service available at all times and everywhere. In short, **KEMPER SYSTEM** has long since adopted the positive sides of digitisation – and is making more sure than ever that we are providing personal support. We are therefore very pleased that we have received so much positive feedback on our changes from you so far!

The fact that we are in a state of change is also apparent in the restructuring of our sales department. This means that we are now even more up to date and future-orientated. And last but not least, today, you are holding the ambassador of our change in your hands. Because **THE DUCK** has evolved into a true magazine, which aims to bring you closer to the world of **KEMPER SYSTEM** in a more attractive, exciting and entertaining way than ever before.

**With this in mind – enjoy reading!**

Holger Freyaldenhoven  
Managing Director

A constant companion on the construction site: our new app as a service for you.



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# NEWS FROM THE KEMPER SYSTEM WORLD



Holger Freyaldenhoven (Managing Director of **KEMPER SYSTEM GmbH & Co. KG**), Sabine Haupt (Verein für krebskranke Kinder e.V.) and Marcus Wagner (winner and **KEMPER SYSTEM** employee).

## €1,500 FOR KIDS FIGHTING CANCER

We give great importance to the suggestions for improvement made by our employees – after all, they are very close to what is happening every day. That is why we select the best proposal at regular intervals and reward it with a prize of €1,500 for a good cause. Winner Marcus Wagner, who by the way with 15 suggestions for improvement was also leading in terms of quantity, donated the money to the Verein für krebskranke Kinder Kassel e.V. (Kassel Society for Children Fighting Cancer: [www.krebskranke-kinder-kassel.de](http://www.krebskranke-kinder-kassel.de)).

## NEW TEAM LEADER APPLICATION TECHNOLOGY: ERIC WILKING



He is a forwarding and logistics manager and a certified master roofer and looks back on three years of experience at **KEMPER SYSTEM** as an application engineer both nationally and internationally. This makes Eric Wilking the ideal team leader for our Application Technology Division and, together with his team, he represents an important interface to our customers.



## NEW HEAD OF SALES: MARTIN GÖTZ

**KEMPER SYSTEM** has created a new position in the course of restructuring the Sales Department: Martin Götz has been national and international head of sales since June 2019. The business graduate has extensive experience in management and sales via a wide variety of channels – both nationally and internationally. Perfect prerequisites to push ahead with further development of the core business via existing and new sales channels and expansion into new market segments.



## NEW EXPORT SALES MANAGER: NICOLAS SCHMIDT

Trade manager Nicolas Schmidt, 43, is a trained wholesaler in the building materials trade and initially acquired his know-how abroad – including in France, Spain, the UK and South Africa. His extensive knowledge of foreign languages and his experience as an export manager for a manufacturer of painting and renovation products predestined him for his new position as export sales manager at **KEMPER SYSTEM**.



## KEMPER SYSTEM TEAMS AT DAK CORPORATE RUN



The fact that **KEMPER SYSTEM** employees not only achieve their goals every day on the job but also are fast was demonstrated at the latest DAK Corporate Run in June, in which 15 runners from our company took part.

Divided into two teams, the Runner Ducks and Junior Ducks, they completed the track with flying colours and even surpassed some personal goals. All this in the best weather conditions and at least as good a mood.



Full commitment times 15: at the DAK Corporate Run, our runners reached the finish line as a team.

# THE DUCK IN THE COURSE OF TIME

Even ducks change their appearance from time to time. This is especially true of **THE DUCK**. Launched in 1993, it has undergone a real transformation to reach where it is today.



**P**ut simply, you could say that our information magazine for customers is always growing in line with the company. It reflects the mode of change, the forward movement of the company **KEMPER SYSTEM**, and also a bit of the zeitgeist – and today is more modern than ever. And despite, or even because of, the numerous digital possibilities, we do not want to do without this print medium. Because we know that over the years it has become more and more popular. And people still like to have something tangible in their hands. Speaking of hands, the edition you're holding in yours is different from the previous ones. What's it all about? We will report on this on the following pages, and also on the evolution of our magazine.

# ITS INCREASING CIRCULATION PROVES THAT THE DUCK HAS BECOME AN IMPORTANT INFORMATION MEDIUM.



Nina Hellberg, Head of Product Management and co-founder of THE DUCK



## 1993 THE BEGINNINGS

How and why it all started.

How can customers and employees alike be informed about **KEMPEROL** products, news, reference projects, dates and tips and tricks? This question was raised when the **KEMPER SYSTEM** team thought about a suitable medium in 1993, a time when the Internet, web-sites and newsletters were far away. So the decision was finally made in favour of the newspaper medium. The search for a name did not take long – for customers, the Kemper employees had much earlier become “the guys with the duck” due to the logo.

Thus, the well-known duck was not only given a prominent place graphically but also as a title. Compared to today, the implementation back then appears to have been a feat of strength – at least in terms of expenditure of time. For example, information, approvals and coordination still had to be sent back and forth by mail. This naturally took a while – and in the early days only allowed for two issues a year. Of course, the options for designing were not yet comparable with those of today.

# 2008 WHAT HAS CHANGED

Because progress drives.

In the 2000s, thanks to digitisation, it became possible to publish **THE DUCK** four times a year. An international English version of **THE DUCK** was launched as well – after all, the **KEMPEROL** products “Made in Germany” were well received in the USA, India and China, as well as in France, Italy and Great Britain. In general, the overall focus at that time was

more international. And finally, a relaunch of the corporate design led to a change of the logo and design. In other words, **THE DUCK** became more modern and the layout was adapted to current trends. Thus, the design became much more “airy” and minimal and, thanks to digital photography and digital printing, obtained a high-value appearance.



## THE DUCK OFFERS A GREAT OPPORTUNITY TO SET THE STAGE FOR OUR PRODUCTS AND TO PRESENT INNOVATIONS.

Dirk Nicklas, Head of Technology/GWL and supporter of THE DUCK since its foundation

# 2019 WHAT THE DUCK STANDS FOR TODAY

Arriving in the here and now.

A whole 26 years have passed since the first edition. The initial circulation, which was quite modest, has multiplied in the meantime. Today, **THE DUCK** is an important information module – for processors and architects as well as for **KEMPER SYSTEM** employees. But that's not all. The former newspaper now has evolved into a true magazine, shines with large-format photos and stylish design, has grown to over 50 pages and presents interesting content even on the second or third leaf through.

## MINIMALIST DESIGN

A clear structure, well-presented information and a stripped-back design – **THE DUCK** now is a magazine for relaxed, easy reading.

## INFORMATION

Readily understandable, meaningful illustrations, easily comprehensible – coherent infographics give contents the ideal form.

## MAGAZIN-LIKE

Looks behind the scenes, interesting stories, detailed photos, comprehensive documentation – the updated format creates completely new possibilities.

## ICONS

Search and find – the intuitive icons provide good orientation on a foray through the world **KEMPER SYSTEM**.

## IMAGERY

Large-format reference photos, application examples, processing aids – meaningful imagery underpins the information content.





# KEMPEROL 1K-SF

The best for professionals. As always!

The more complex the substrate geometry, the more difficult the time-consuming detail work and the higher the costs. This is where our solvent-free **KEMPEROL 1K-SF**, which can be applied straight from the container, is the ideal partner – even and especially when **KEMPEROL** is combined with other materials.

**KEMPEROL 1K-SF**, which is based on a polyurethane, is an especially good option because of its efficiency thanks to its simple handling, particularly on smaller surfaces. But it is also perfect for waterproofing socles and wood. In addition, the single-component waterproofing is suitable for both architectural details and surfaces on flat roofs, balconies, terraces and the like. And the best thing is: **KEMPEROL 1K-SF**, which is suitable for almost all substrates, is rainproof after only one hour.

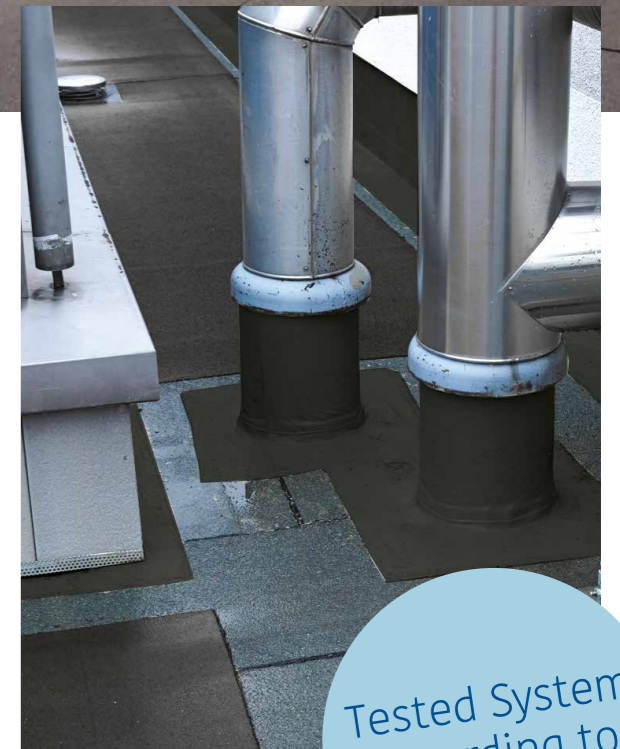


## PRODUCT BENEFITS

-  Solvent-free and odourless
-  Single-component and applicable straight from the container
-  Suitable for damp substrates
-  Can be used on almost all substrates without primer

## SIMPLE & FAST APPLICATION

- 1** **KEMPEROL 1K-SF** is applied directly to the substrate. Depending on the actual substrate, the surface is pre-treated according to the primer recommendation.
- 2** The single-component material is applied straight from the container. Approx. 2/3 of the liquid waterproofing is applied (first layer).
- 3** Then the **KEMPEROL 165 fleece** is rolled into the first **KEMPEROL 1K-SF** layer and embedded using a nylon roller. The fleece sections should have a 5 cm overlap and be free from bubbles.
- 4** Immediately afterwards, the remaining third of the **KEMPEROL 1K-SF** waterproofing is applied, ensuring complete saturation (second layer).
- 5** The waterproofing is rainproof after approx. one hour. After curing, the full-surface bonding **KEMPEROL 1K-SF** forms a seamless waterproofing that perfectly adapts to all substrate geometries and compensates for structural movements. The fleece-reinforced waterproofing system is crack-bridging and permanently elastic.



Tested System according to **ETAG 005**

FURTHER INFORMATION CAN BE FOUND AT [kemperol.de/en/1k-sf](http://kemperol.de/en/1k-sf)

BEHIND THE SCENES:  
**RESEARCH &  
DEVELOPMENT AT  
KEMPER SYSTEM**

Innovations don't fall from the sky. They are often the output of years of work. That is why **KEMPER SYSTEM** has its own research and development department.

**T**o be precise, **KEMPER SYSTEM** has been researching and developing right from the start. How else would Dr Heinz Kemper have initiated his invention of liquid waterproofing? How, if not through continuous trial, constant development and strict quality control? There is no doubt that the research and development work initially carried out by Dr Kemper on his own is as important today as it was in the 1950s and '60s, when he founded his company and got the business moving. Today, worldwide, a total of 21 experts from a wide variety of fields work in the Research and Development Department. Chemists, laboratory assistants, chemical engineers, chemical-technical assistants and plastics engineers alongside master roofers, industrial management assistants and product safety experts form a professional symbiosis that is second to none.

# “INNOVATIONS ARE THE CREATIVE DRIVING FORCE OF THE ECONOMY. NO PROGRESS WITHOUT INNOVATION.”

Ingo Wolf, Head of Research and Development Department

## MORE THAN JUST GOOD – PERFECT

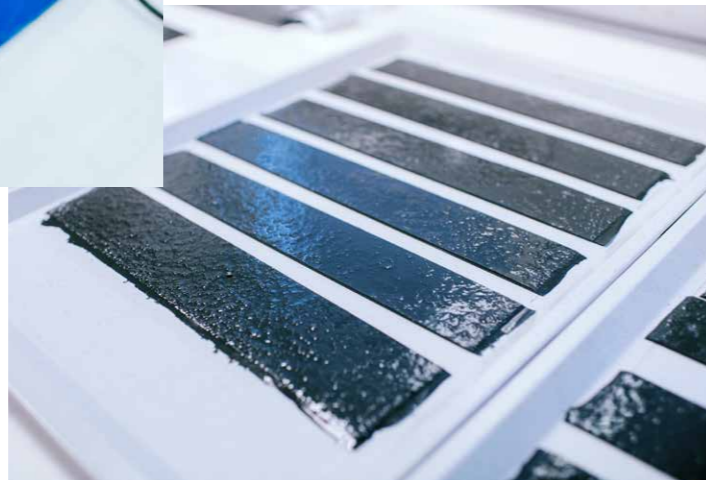
When a new product is launched in the Research and Development Department, it must meet the relevant criteria. First of all, it must be an innovation, i.e. be of benefit for people's work, a gain, something which after only a short time one can no longer imagine how one actually went without it. But a product from **KEMPER SYSTEM** must incorporate even more.

This is why the specialists in the Research and Development Department always pursue several objectives at the same time. On the one hand, there is customer satisfaction – after all, a product should perfectly meet customer requirements. On the other hand, there is quality, reliability and efficiency. No wonder every product goes through an extensive quality-assurance process before it is delivered to the customer.



The finished product is tested for various properties in the laboratory and under real conditions.

To be able to ensure quality standards even over many years, regular tests are required.



The development of new products is one of the department's essential tasks.

## MOVING FORWARD IS HOW WE DO BUSINESS

In the Research and Development Department, we are continuously in the process of developing products for specific requirement profiles and keeping an eye on the changing demands of the industry. As soon as a new application area or product idea arises, tests are carried out and evaluated and any necessary corrections made. The ideas, by the way, come from the most diverse channels – often one idea builds on another. What follows the first tests? More tests. Because the product under development is put through its paces again and again, until it reaches maturity to be produced on a small scale.

Then it is time for the engineers to work with the development product on pilot surfaces and trial it intensively. Incidentally, this is also the point at which the process of obtaining the required test certificates and approvals is started and the technical documentation is compiled.

**21** INTERNATIONAL EXPERTS  
**62** YEARS OF RESEARCH & DEVELOPMENT  
**700** TEST CERTIFICATES AND APPROVALS

## FROM THE IDEA TO THE FINISHED PRODUCT

Observing the market, listening to our customers, recognising changing requirements – there are some initial sparks that inspire us with good ideas. They are put into practice on location, where we can literally try them and study them.



**2 Research**  
What are the application areas? What are our customers' requirements? We ask questions before we start looking for answers.



**1 Idea**  
The idea is the spark that gets the ball rolling and the beginning of our research and development activities.



**3 Development**  
Product development takes time and every innovation is based on a learning process. We take that time.



**4 Testing**  
As soon as a new product is mature, the practical test phase starts. For this purpose, our experienced application engineers create pilot surfaces.



**6 Product**  
As soon as all quality criteria are met, the product is launched on the market and the **KEMPER SYSTEM** portfolio is complemented by another innovation.



**5 Certification**  
During the testing phase, the process of obtaining the required test certificates and approvals also starts.

## ADHESIVE STRENGTH MEASUREMENT – TO ENSURE ADHESION

For **KEMPER SYSTEM** it is crucial that every waterproofing is guaranteed to adhere to the intended substrate. That is why we continuously carry out extensive adhesive strength tests with new and weathered roofing membranes as well as roofing foils. To this end, we use different measuring devices and test methods, which ensures a high level of reproducibility. And more than that. Because our customers can contact us directly if they are looking for the optimum waterproofing for their individual substrate and would like to have an individual adhesive strength measurement performed. All we need

is a sufficiently large and representative sample of the corresponding sheet or foil, on which we can place samples of various **KEMPEROL** waterproofings. After substrate pre-treatment, application and curing of the liquid waterproofing, our specialists carry out a peel strength or adhesive strength test. To do this, the samples are clamped and loaded with increasing force. Using internally defined values and many years of experience, our Research and Development Department then evaluates the result. Based on this, we provide an object or application-related product recommendation.



Precise results for guaranteed adhesion – the tests in our R&D Department are carried out with independently checked measuring instruments.

## SERVICE



### THE PERFECT SOLUTION FOR EVERY SUBSTRATE

The results of our adhesive strength measurements can be reviewed at any time on our website and via the **KEMPEROL app**. In this way you will be able to find the perfect **KEMPEROL** product for your individual substrate.

Further information at:  
[kemperol.de/en/asm](https://kemperol.de/en/asm)



Measurement of the mechanical properties of a sample in the laboratory.

## A CONVERSATION WITH INGO WOLF

Ingo Wolf joined the **KEMPER SYSTEM** team back in 2002 and has been head of the Research and Development Department since 2012. In this interview he reveals what drives him most at **KEMPER SYSTEM**.

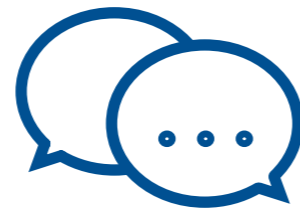
**Mr Wolf, you have been working for KEMPER SYSTEM since 2002 and have been head of department for seven years now. What makes this task so interesting for you?**

When I was offered the opportunity to take over the department as part of a succession plan, I knew from my many years of work at **KEMPER SYSTEM** that this would be an extremely interesting task. And I wasn't wrong. I am confronted with new issues every day – for example, in addition to development and quality assurance, we have also integrated various areas such as product safety and stan-

darisation into the department and intensified our international focus by establishing laboratories at foreign and new domestic locations.

**Speaking of development – what should we imagine by this? What does everyday life look like in your department?**

Well, quite simply, we formulate products and test them for different application areas. In addition, we ensure quality and provide evidence, currently by over 700 test certificates and approvals. And we work on future requirements in various standardisation and



### I COMBINE HEALTHY CURIOSITY WITH MY WEALTH OF EXPERIENCE.



**Ingo Wolf**  
Head of Research and Development

regulatory working teams and ensure that the current requirements vis-à-vis our products are met. In addition, our existing products are continuously tested and examined for new application areas or with regard to special system structures.

**Is there something that is indispensable for you in your work?**

Yes, absolutely! For me, it is essential that I have a competent and powerful team around me. And this is exactly what we have been able to build – for which I am of course very grateful.

**What makes your team, your department, so special – perhaps even compared to the research and development departments of other companies?**

First of all, the potential area of application for liquid plastics is enormous. This means that we work on very diverse and interesting projects in our department – and also accompany our products from the laboratory to application. In all this, we actually have the much-praised efficient decision-

making structures as well as a regular exchange with other specialist departments. What is also special about us and ensures constant progress is our international focus.

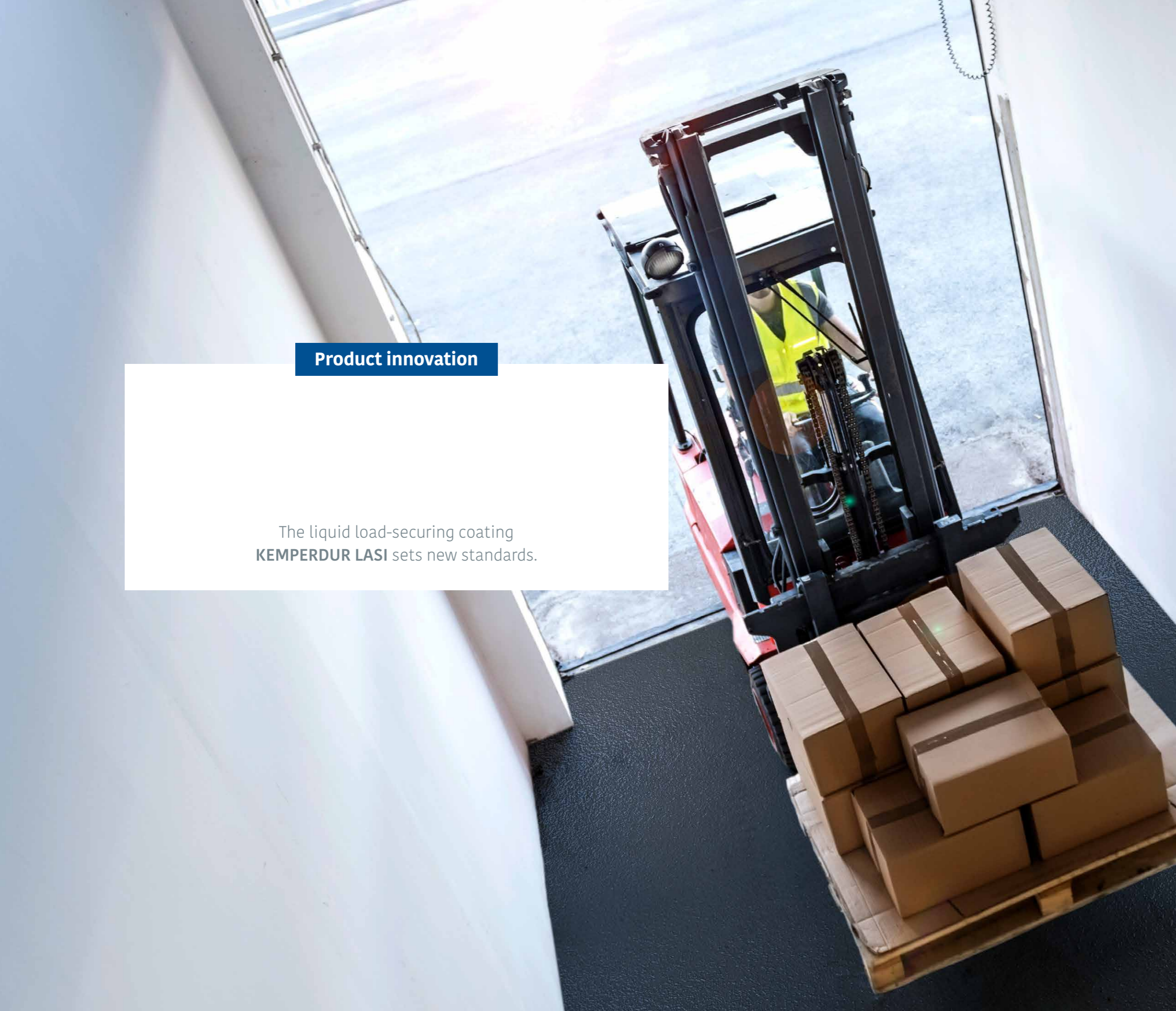
**Are you proud of what you do every now and then?**

Of course I'm proud to head this department. A department that meets the changing requirements of the industry in every respect and that constantly develops products that set market standards and serve their purpose for decades on many well-known buildings around the world.



Right in the middle – Ingo Wolf attaches great importance to a lively exchange with his department.

FURTHER INFORMATION IS AVAILABLE AT [kemper-system.de/en/research](https://kemper-system.de/en/research)



### Product innovation

The liquid load-securing coating **KEMPERDUR LASI** sets new standards.



### Cargo & transport



**T**here is no question that the optimum securing of cargo is indispensable for unobstructed transport. In most cases, however, this involves a great deal of time and personnel, as well as lots of load-securing equipment – after all, the load must be secured by non-slip mats and tightened with several lashing straps, because slipping loads can cause serious damage to property or persons both on the road and when manoeuvring with forklift trucks. The good news: with the load-securing coating **KEMPERDUR LASI** you can reduce the securing effort to a minimum after just a single application, and simultaneously protect your employees from injuries and save not only time but also money in the long term.

**THE PERFECT GRIP FOR  
LOADING AREAS – IN ANY POSITION**

If you are looking for the ultimate grip for loading areas with non-skid floors, the **KEMPERDUR LASI** load-securing coating is the perfect solution. It helps to almost triple the friction coefficient of loading areas of all kinds. This applies to vehicle superstructures, semi-trailers, loading bridges, trailers, flatbed trucks and box wagons as well as to construction material, craftsmen's or short-haul vehicles. In addition, you can select from two different special scatterings depending on the load. Another advantage: the solvent-free coating system can easily be applied

in liquid form to all non-skid and metal floors in combination with our **KEMPERTEC EP5 Primer** – and the loading area is ready for use again after just 24 hours. When cured, **KEMPERDUR LASI** is highly abrasion-resistant and extremely resilient. And it provides optimum protection for the loading areas and thus a long service life for the floor. This has already been confirmed in long-term tests with one of the largest international forwarders.

**PRODUCT BENEFITS**

-  DEKRA-certified according to Euro standard DIN EN 12195-1 with a friction coefficient of 0.87  $\mu$ D (Euro pallet on dry loading area) and 0.89  $\mu$ D (Euro pallet on wet loading area)
-  Cost and time savings due to shortened loading and unloading times
-  Easy application by your own employees
-  No slipping of the goods on dry or wet surfaces
-  Can be driven over by forklifts and lifting vehicles

**THE KEMPERDUR LASI  
SYSTEM CONFIGURATION**

Three products that are perfectly tuned to each other – that's what we call working with a systematic solution!



**1**

**KEMPERDUR LASI Basic**  
The foundation for the preparation of the load-securing coating



**3**

**KEMPERDUR LASI Finish**  
The top layer for a perfectly secure coating finish



**2**

**KEMPERDUR LASI Filler**  
The scattering for slip resistance – available in two varieties



Offering tested systems is highest priority at **KEMPER SYSTEM**. This is why the **KEMPERDUR LASI** coating is DEKRA-certified according to the European standard DIN EN 12195-1. For this purpose, tests were carried out on wet and dry **KEMPERDUR LASI** surfaces, which fully met the high requirements. The **KEMPERDUR LASI** coating is the perfect base for comprehensive load securing with the strictest safety requirements.

## APPLICATION

Step by step to the finished load-securing coating\*



# 1

### Substrate pre-treatment

First clean the surface to be coated and remove grease and oil using our solvent-based **KEMCO MEK cleaning agent**. Make sure the surface is completely dry before commencing application.



# 3

### Special KEMPERDUR LASI Filler

After covering 2 to 3m<sup>2</sup>, immediately scatter a generous amount of the **KEMPERDUR LASI Filler R1020** (coarse) or alternatively the **KEMPERDUR LASI Filler F0510** (fine) into the still-wet coating to create a grain-to-grain non-slip surface. One 25kg bag of special filler is required per approx. 8m<sup>2</sup> (fine filler approx. 6m<sup>2</sup>).

# 2

### Application of KEMPERDUR LASI BASIC coating

Homogeneously mix the two components A + B of the **KEMPERDUR LASI BASIC coating** and apply evenly with a nylon roller in a criss-cross fashion.



# 4

### Final coating with KEMPERDUR LASI Finish

After a drying time of approx. two hours, remove the excess **KEMPERDUR LASI Filler** with a broom or industrial vacuum cleaner. This is followed by the final coating with **KEMPERDUR LASI Finish**. Thoroughly mix components A + B and apply them by means of a nylon roller in a criss-cross fashion. The coated surface must cure for approx. 12 hours and is fully usable after 24 hours.



FURTHER INFORMATION IS AVAILABLE AT [kemperol.de/en/lasi](http://kemperol.de/en/lasi)

\*This is only a short overview. Detailed instructions and application videos are available online.



## References

Löwenburg Castle in Kassel



**E**mbedded in the scenery of the Bergpark above Wilhelmshöhe Palace, it is among the earliest mock-medieval castle ruins of Europe: as an important outstanding monument in the Bergpark Wilhelmshöhe ensemble, Löwenburg castle, built in 1793, ruinously designed and commissioned by Landgrave Wilhelm, provided him with a maison de plaisance and at the same time reflected the historical status of the House of Hesse, which had been in power since the Middle Ages. In the Kassel area today, Löwenburg castle is one of the most important listed buildings – the use of **KEMPEROL** was therefore primarily aimed at preserving and protecting the historic building fabric.

# LÖWENBURG CASTLE BERGPARK WILHELMSHÖHE

Waterproofing the tower, platforms and walkways professionally and making them accessible for visitors was a particular challenge. It was not only important to waterproof the building securely and protect it from weather effects, but also to preserve the visual authenticity of the historic building.

The contractor, Wilhelm Bedachungen GmbH, used **KEMPEROL's** waterproofing system for the 250 m<sup>2</sup> of walkways and roof platforms to achieve a sustainable and reliable result.

For Löwenburg castle, this initially necessitated applying **KEMPERTEC Primer**, to which **KEMPEROL 2K-PUR** waterproofing was then added. As a final step, **KEMPERDUR AC-Finish** Transparent was applied. The result: a reliable system solution that meets the visual and technical requirements of monument conservation and will be permanently accessible to visitors.



Rapid and safe: with the help of KEMPEROL, the walkways of Löwenburg castle could quickly be used to their full extent again.



**LÖWENBURG CASTLE  
IN KASSEL: MOCK-  
MEDIEVAL CASTLE RUIN**



Built from 1793 to 1801 by Landgrave Wilhelm IX of Hesse-Kassel.

The interior of the complex, which looks more like a dilapidated knight's castle from the outside, features the typical elements of a baroque pleasure and hunting castle.



Renovation of the historic castle complex is expected to continue until 2022.



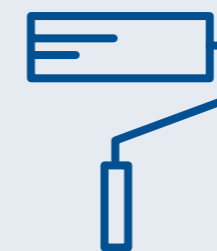
**ARCHITECT**  
Heidelmann & Klingebiel,  
Dresden



**250 m<sup>2</sup>**  
walkways and  
roof platforms



**KEMPEROL SPECIALIST**  
Wilhelm Bedachungen GmbH/  
Schumann Dachdecker  
GmbH & Co. Betriebs KG



**KEMPERTEC PRIMER**

**KEMPEROL 2K-PUR**

**KEMPERDUR AC-FINISH  
TRANSPARENT**

# RANKWEIL RAILWAY STATION

One of the most important traffic hubs in the Austrian region of Vorderland-Feldkirch, Rankweil railway station, has been completely renovated and modernised in recent years. Our PMMA products **KEMPERTEC AC Primer** and **KEMPEROL AC Speed** were used to waterproof the almost 2,000 m<sup>2</sup> roof. The curing time of the products is only 30 and 60 minutes respectively, which is why the products could be applied even in unstable weather conditions in autumn.



The comprehensive work on the fundamental renovation lasted four years. The new station now offers short walk distances, plenty of parking space and a modern station building.



ROOF

**PROJECT**  
Approx. 2,000 m<sup>2</sup>  
irregular roof structure

**SYSTEM**  
KEMPERTEC Primer  
KEMPEROL AC Speed

**KEMPEROL SPECIALIST**  
ENTNER-DACH GmbH & Co. KG

**YEAR OF EXECUTION**  
2017, 2018

# ADAC DORMAGEN

The ADAC breakdown service has already helped many car drivers in need. Now our partner Stefan Goliša Bedachungen was able to help a branch of the breakdown service. The roofers from Düsseldorf waterproofed the 350 m<sup>2</sup> roof above the call centre in the ADAC branch in Dormagen, which is manned around the clock, with **KEMPEROL 2K-PUR**. By the way, it was the most cost-effective alternative to complete demolition and subsequent rebuilding.



ROOF

**PROJECT**  
350 m<sup>2</sup> roof area

**SYSTEM**  
KEMPERTEC D Primer  
KEMPEROL 2K-PUR

**KEMPER SPECIALIST**  
Stefan Goliša Bedachungen e.K.

**YEAR OF EXECUTION**  
2017



Our **KEMPEROL 2K-PUR** proves its outstanding properties both on large surfaces and on structural details.

FURTHER REFERENCES ARE AVAILABLE AT [kemperol.de/en/completed-projects](http://kemperol.de/en/completed-projects)

# WHAT OUR PARTNERS SAY

## STEFAN GOLIßA

As the owner of a roofing company, **KEMPEROL** specialist Stefan Golißa wants to offer his customers not only perfect results but also outstanding service.

To ensure exactly this, he must also be able to rely on optimal service from his partners. That's why Stefan Golißa works with **KEMPER SYSTEM**.



**Stefan Golißa Bedachungen e.K.**  
**KEMPER SYSTEM** partner since 2011

golissa.com

»» **THE FIRST-CLASS TECHNICAL CONSULTING MAKES KEMPER SYSTEM OUR FIRST CHOICE.**

Stefan Golißa, owner of the company and **KEMPEROL** specialist

»» **WHAT DO WE ESPECIALLY LIKE ABOUT KEMPEROL? THAT ALL PRODUCTS HAVE EXCELLENT QUALITIES "MADE IN GERMANY".**

Ingmar Brede, master certified roofer and **KEMPEROL** specialist

## INGMAR BREDE

Master certified roofer and managing director Ingmar Brede takes it pragmatically. For the **KEMPEROL** specialist, roof-wall waterproofing must be one thing above all: waterproof.

He finds this property and the associated reliability in **KEMPEROL** products, which, as he himself says, not only consist of high-quality raw materials but also are easy to apply.

**Brede Dach roofing company**  
**KEMPER SYSTEM** partner since 1998

brede-dach.de



# HELLO INTERNSHIP

Fatma Ghafari, a student at a technical college, seized the opportunity when she learned that **KEMPER SYSTEM** not only trains students but also offers internships. In this way she was able to gain almost a year of valuable professional experience.



Our intern Fatma Ghafari



**KEMPER SYSTEM** has offered me the opportunity to get to know the professional life of industrial clerks three days a week from 1 August 2018 to 19 June 2019.

I worked in the internal sales team and got to know the various commercial activities of order entry and customer service.

During my internship, I was well trained in all the tasks by my colleagues so that I could later work independently.

The working atmosphere was very harmonious and I always felt like a member of the team.

Due to the international activities and the high degree of awareness of the many products in the construction industry, training as an industrial clerk at **KEMPER SYSTEM** is a good recommendation.

# 1969

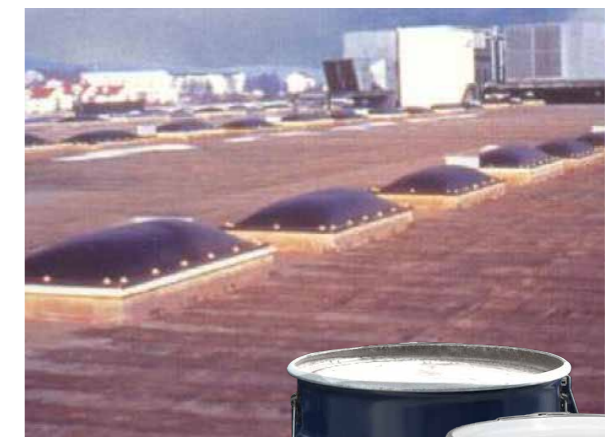
## IT ALL STARTED WITH KEMPEROL V 210

Fifty years ago a real milestone, today a great story: why **KEMPEROL V 210** bears this name.

Since its foundation in 1957, **KEMPER SYSTEM** has been a guarantor for innovation. It goes without saying that research and development were carried out intensively even back then. In 1969 it finally happened. The first marketable product made its way into the industry: **KEMPEROL V 210**.

And because the motto “trial makes perfect” was as true back then as it is today, the name V 210 actually stood for the 210 trials that preceded the product to perfection.

By the way, the formula was recorded in the famous “Book of Good Deeds” of company founder Dr Kemper in handwritten form and is today one of the oldest surviving documentations from the Research and Development Department.



Pleasant fact: in the very first year of its marketability, the first major project was implemented with **KEMPEROL V 210** – the waterproofing of the industrial roof of Volkswagen AG.

- 1986
- 1990
- 1996
- 1997
- 1998
- 2000
- 2003
- 2008
- 2009
- 2010
- 2018

FURTHER INFORMATION IS AVAILABLE AT  
[kemperol.de/en/v210m](http://kemperol.de/en/v210m)

# NEW: NOW AVAILABLE IN ANTHRACITE




KEMPEROL AC Speed+ in new colour.

KEMPEROL AC Speed+ is our particularly fast-curing liquid waterproofing for structural details and connections based on PMMA resins. The material can be walked on after only 35 minutes (at 23°C) and can receive the next coat after just 60 minutes. Even the risk of changing weather conditions can be reduced to a minimum, as the waterproofing can be processed at temperatures as low as -5°C.

By the way, the “plus” in KEMPEROL AC Speed+ refers to the higher viscosity, making it ideal for waterproofing connections and structural details.



## PRODUCT BENEFITS

-  Particularly fast curing
-  Can be processed at temperatures as low as -5°C
-  Perfect for waterproofing connections and structural details



The liquid waterproofing is suitable for connections, structural details and surfaces, in both new construction and renovation.



NOW ALSO AVAILABLE IN ANTHRACITE

FURTHER INFORMATION CAN BE FOUND AT [kemperol.de/en/acspeedplus](http://kemperol.de/en/acspeedplus)

The best way to clean and maintain a balcony recently waterproofed with **KEMPEROL**.



## 1 CLEANING UPON COMPLETION OF CONSTRUCTION WORK OR INITIAL CLEANING

When initially cleaning, first remove any coarse or fine dirt with a broom and vacuum cleaner. Then wet-clean the surface using a solvent-free cleaning agent.



## 2 INITIAL TREATMENT

To facilitate regular maintenance cleaning, neutralise the surface with water and then initially treat the floor surface with a care product.



## 3 DRY AND WET CLEANING

Dry and wet cleaning at regular intervals and taking into account the degree of soiling help maintain the visual appearance.

## TECHNICAL HOTLINE

**+ 49 (0)561 / 8295-5555**

Do you need technical advice? Call our application engineers directly. We actively support you in your projects.



## 4 INTENSIVE CLEANING

The local, intensive treatment of the floor with a pH-neutral cleaning agent after wiping helps to remove stains and firmly adhering impurities.

# ANNIVERSARIES

When employees remain loyal to a company for decades, this is a true reason for rejoicing. We have a lot of them and we congratulate from the bottom of our hearts!



**Dirk Schüßler** (February 1999)

Dirk Schüßler has been part of our EDP/IT department for 20 years. As a training supervisor, he also works with our trainees.



**Melanie Hänig** (March 1999)

Authorised signatory Melanie Hänig is the commercial manager at **KEMPER SYSTEM**.



**Markus Kersting** (April 1999)

Training supervisor Markus Kersting has also been part of **KEMPER SYSTEM** since 1999. He heads our Maintenance Department.



**Mario Heini** (August 1999)

Mario Heini has been part of our team for 20 years and is responsible for standardisation and association work.



**Dieter Polikowski** (February 1994)

Dieter Polikowski is responsible for maintenance, servicing and repair work in our Production and Logistics Department.

20  
YEARS



**Rainer Hartmann** (February 1994)

Rainer Hartmann has been working in the Research and Development Department as a chemical-technical assistant (CTA) since 1994.



**Petra Hartmann** (May 1994)

Petra Hartmann has been part of our Research and Development Department for 25 years as a chemical-technical assistant (CTA).



**Ralf Beilker** (May 1994)

After working in the Shipping Department in the beginning, Ralf Beilker now works in the production and maintenance.



**Dirk Nicklas** (July 1994)

Dirk Nicklas is the head of the Technology/GWL Department at **KEMPER SYSTEM**.

25  
YEARS



**Uwe Eckhardt** (April 1984)

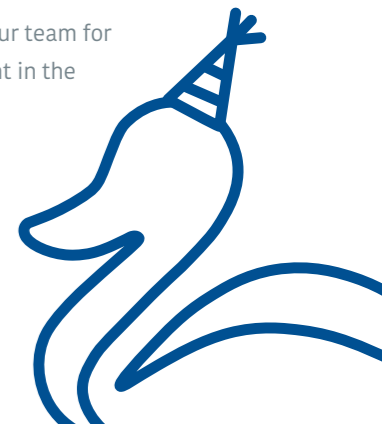
Uwe Eckhardt has been with the company for 35 years and is now responsible for label printing in Production and Logistics.



**Simone Karger** (August 1984)

Simone Karger has been part of our team for 35 years and works as an assistant in the Technology/GWL Department.

35  
YEARS



# FUN & GAMES

## SPOT THE MISTAKES

Have a look at these two pictures – well, do you see the mistakes?  
So much can be revealed: in the lower picture, exactly 10 errors can be found.



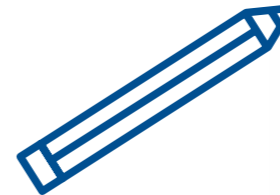
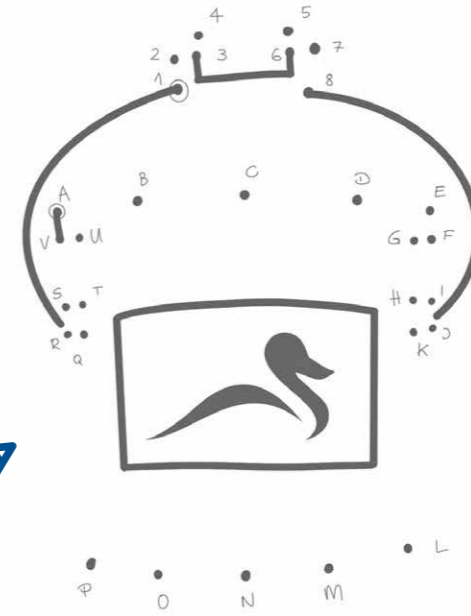
By the way, you can find the answers on page 49.



Application of KEMPEROL on the roof of the HNA printing centre Kassel, 2008.

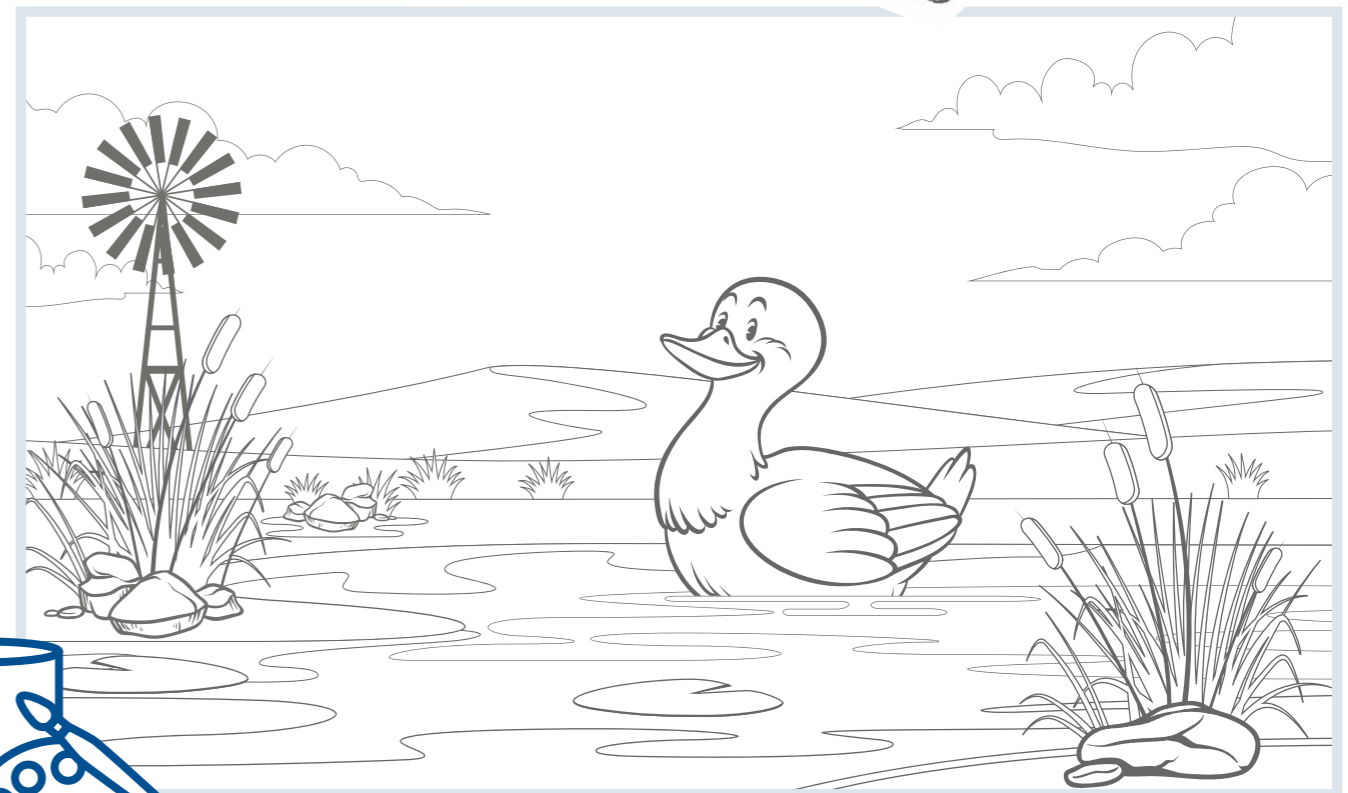
## CONNECT THE DOTS

Can you already count really well? Know the alphabet too? Perfect! Then it will be very easy for you to connect the numbers and letters. What do you think the result will be?



## COLOURING

Let your creativity run wild – take your places, crayons out, go!







## TRAINING DATES

Current training courses in Vellmar with preceding e-learning session.

Here's how it works: after registering for a training course, the participant studies the theoretical learning contents, concluding with a final achievement test on a computer at home or with his or her company, until the actual live training starts. In the shorter live training, the participant learns the practical skills.

**E-learning plus one practice day**  
**Thursdays 8.30 to 16.00**  
05 December 2019

**Registration deadline**  
Eight days before the start of the practical section

**E-learning plus two practice days**  
**Monday 12.00 to Tuesday 12.00**  
18 November – 19 November 2019  
2 December – 3 December 2019

**Training location**  
KEMPER SYSTEM GmbH & Co. KG  
Holländische Straße 32-36  
34246 Vellmar, Germany



## CONTACT PERSONS

Our experts are happy to support you via various communication channels – with advice and assistance, good ideas and professional know-how.

### SALES HOTLINE

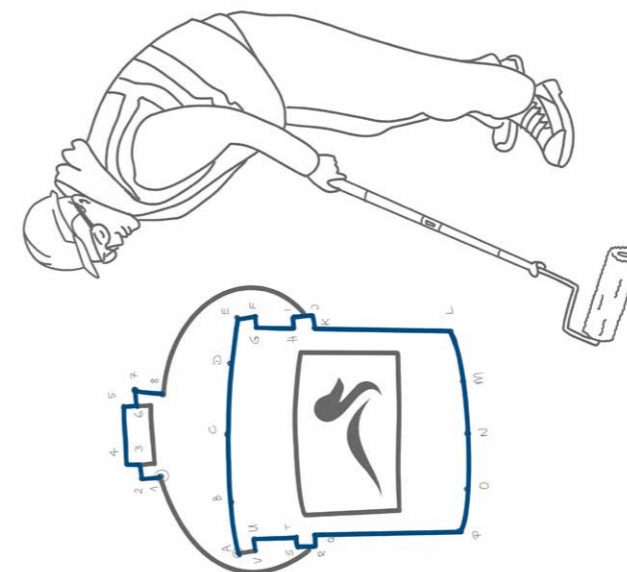
**+49 (0)561 8295-5568**

**Mon.-Thurs. 7.30 to 17.30**  
**Fri. 7.30 to 15.30**

Our internal sales team is available to answer your sales-related questions during our office hours.

FIND YOUR CONTACT PERSON AT  
**[kemperol.de/en/contact](http://kemperol.de/en/contact)**

## ANSWERS TO THE RIDDLES



## STAY TUNED TO KEMPER SYSTEM!

All important news can be found here:



### IMPRINT

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