

INTELLIGENT PROTECTION
FOR MAN AND MATERIAL

SISTEC COATINGS GMBH: PROFESSIONAL COATINGS TO PROTECT MAN AND MATERIAL

Our core competence is intelligent coatings – we could also call them “iCoatings”. These high quality and functional coatings offer a lot more than just sealing surfaces – they protect against a variety of challenges:

We provide certified and effective protection against heat, moisture, bacteria and germs, odors, corrosion and much more. Our products are as diverse and variable as your requirements and areas of application. Our coatings have been put to the test in automotive and marine applications, private and industrial construction, healthcare, steel constructions onshore and offshore, pipelines and containers.

Whether you are looking for the perfect solution to coat plastics, metals or mineral surfaces, we do have the right product in our range.

For special requirements we will be happy to develop a customized solution for your coating challenge!

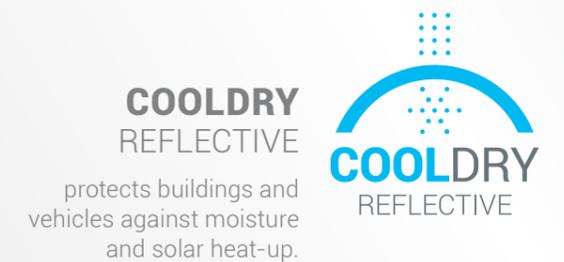


OUR BUSINESS SEGMENTS



SISTEC ANTIBACTERIAL

protects all kinds of surfaces actively and effectively against bacteria, related odors and microbial induced corrosion.



COOLDRY REFLECTIVE

protects buildings and vehicles against moisture and solar heat-up.



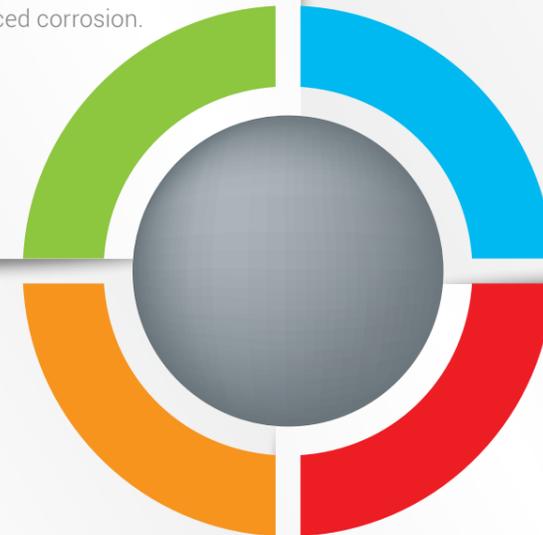
CARFINISH AUTOMOTIVE

protects the profitability of automotive body repair shops. Excellent and highly cost efficient vehicle refinishing products.



CARAPAX ANTICORROSIVE

protects against corrosion for the last 30 years. Incorporating the international track record and vast experience of Leo Meyer Metallogal company, Carapax is one of the most durable and reliable corrosion protection systems with references around the globe.



SISTEC | ANTIBACTERIAL

PROTECTION AGAINST BACTERIA AND ODORS



Hospitals and other healthcare institutions around the world are facing serious problems caused by the continuous expansion of resistant bacteria (such as MRSA, the multi-resistant Staphylococcus aureus). Hospital-acquired infections delay or prevent the healing process after surgery and can often cause life threatening situations.

Various industrial infrastructures are suffering billions worth of damage by so-called microbial induced corrosion (MIC).

Already in ancient times the antibacterial effect of silver was used to protect against bacteria – e.g. in silver cutlery, silver cups or silver coins in water reservoirs. However, this protection was only available to the rich, because silver was an expensive material throughout history.

During the last decade, silver has increasingly been used in the form of nanoparticles. This resulted in an increased performance, but unfortunately also in unpredictable health hazards as nanoparticles are able to penetrate human skin and may settle in body cells.

SisTec offers an extremely innovative solution to this dilemma: based on our advanced and highly-efficient microsilver technology, our coatings have proven a "strong antibacterial effect" (highest ranking) with a considerably lower microsilver concentration. This was certi-

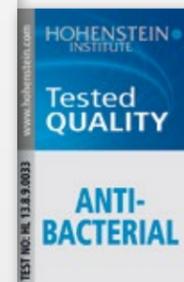
fied by specialists at the well-known Hohenstein Institute. Hence ShieldTec offers antibacterial protection for the lifetime of the paint without the risks of nano-technology. Smell caused by bacteria will also be removed.

Results of this technological breakthrough:

- non-toxic, permanent (lifetime of the paint) and environmentally friendly protection against bacteria available to anyone
- almost any surface can be covered with permanently active, anti-bacterial properties in a very cost-efficient manner
- no health hazards (our microsilver particles are too big to penetrate the skin)
- no functional impact (e.g. no coloring effect on white or transparent coatings) .

We are now able to offer a variety of antibacterial coatings:

- antibacterial wall paint (for use in healthcare and hygiene environments)
- antibacterial coatings for almost any substrate e.g. for metals (door handles, metal constructions, stainless steel kitchens, shelves, machinery and so on), plastics (trolleys, counter trays, light switches, desk mats, keyboards ...)
- Special coatings for pipelines, silos or ventilation systems which are exposed to microbial corrosion.



COOLDRY | REFLECTIVE

PROTECTION AGAINST HEAT AND MOISTURE



Our high-quality and permanently flexible roof coating reflects about 80 % of solar radiation and thus prevents the heat-up of buildings, vehicles and other objects. This helps to significantly reduce energy consumption. At the same time it seals hairline cracks, prevents material fatigue from UV exposure and thermal expansion and seals against rain water.

The renowned german testing institute DEKRA has confirmed the efficiency of the hollow high-tech reflection components used in CoolDry. After extensive tests DEKRA certified a comparably high Solar Reflectance Indicator (SRI) of 102. Furthermore the DEKRA engineers measured a reduction of heat transfer into buildings by up to 77 % compared to non-coated surfaces,

resulting in significantly cooler temperatures and significantly reduced air-conditioning costs.

Considering ever rising energy costs, rising average temperatures and rising environmental awareness, CoolDry is an ideal solution for coating a wide variety of surfaces that need to be protected against solar heating and water penetration. CoolDry is easy to apply by brush, roller or airless spraying on almost any substrate – metal, plastics, wood, stone, tiles, concrete, even glass or textiles.

In addition CoolDry protects the environment as it is waterbased and also extremely durable.

Without coating



Protected by CoolDry



Suitable for mobile homes and caravans



CARFINISH | AUTOMOTIVE

THE SMART ALTERNATIVE TO PROTECT YOUR PROFITABILITY



The automotive repair industry has been our core business for decades, and we know all the challenges of this demanding industry. Since the car refinish market is dominated by a few large corporations, their price-performance-ratio is difficult to understand and their significant yearly price increases ignore the market requirements. In order to protect the profitability of distributors and body-repair shops we introduced a range of very high-quality products at reasonable cost some years ago: CarFinish.

Based on years of experience, highest quality raw materials from Germany, accurate laboratory inspection and precise quality management routines we deliver high-performance products which guarantee identical processing and application conditions from every batch.

Our product range includes all standard products required for car refinishing: clearcoats, hardeners, primers, fillers and putties as well as abrasive materials, polishing products and masking tapes.

CarFinish helps you to develop a real alternative for yourself and your customers and to protect your profitability in a very tough market.



CARAPAX | ANTICORROSIVE

CORROSION PROTECTION FOR DECADES – SINCE DECADES



Some of our references:

TV Tower, Berlin



More than 40 years

Container quay, Bremerhaven



More than 30 years

Exhaust air pipe, biogas plant



More than 10 years

Screw conveyor



More than 5 years

"Carapax" describes the extremely hard shell of the turtle. This is the perfect symbol for our corrosion protection coatings, as our products are among the most resistant and most durable in the market. Carapax continues the tradition, experience and original product formulations of Leo Meyer/Metallogal, who have achieved an excellent market position by delivering outstanding quality and applying the experience gathered during several decades.

Carapax products are high-performance coatings based on 1K humidity-curing polyurethane (at the time the first of their kind in the world).

They offer enormous benefits regarding application as well as product features:

- Easy and safe to prepare. No mixing errors as it is only one component
- Very short drying and curing times

- Wide window of application: air humidity up to 98 % and temperatures from -10 to +60 °C. This creates new possibilities for production and storage as well as on-site application, cuts processing time and hence reduces cost

- Carapax is extremely resistant and highly elastic, resulting in enormous durability – some of our reference objects were coated 30 or 40 years ago and are still completely free from corrosion.

Under the brand Carapax we are taking over the business and the vast experience of Leo Meyer/Metallogal and combine it with our network of professional distributors and coating experts. Our coatings have protected valuable property for decades all over the world under the most difficult circumstances. This is confirmed by a large number of impressive reference objects like well-known bridges and buildings, pipelines, tanks, marine and harbour equipment, ships, water-gates and so on.

SISTEC COATINGS GMBH

SISTEC Coatings, Ludwigsburg



INTELLIGENT COATINGS WORLDWIDE

The headquarter of SISTEC Coatings GmbH is located in Ludwigsburg near Stuttgart, in the south of Germany. We are a 100 % family-owned and family-run company and we are fully dedicated to our customers and the quality of our products. Our main focus is reliability, since we are also responsible for the next generation. Hence we focus on quality and service instead of achieving some short-term profitability targets like in a multinational corporation.

For more than 10 years we have been acting very successfully in the coatings industry. SISTEC Coatings GmbH was founded in 2012 as an independent spin-off in order to focus even more on the growing demand for innovative specialty coatings.

Our employees are the heart and soul of the company – highly motivated, skilled and professional. We focus on lean processes in our core functions such as product development, technology transfer, sales, marketing, warehousing and logistics. Depending on product requirements and carefully considering quality, expertise and operating efficiency we choose the right production partner from an established network.

From our modern and well-organised warehouse in Ludwigsburg we guarantee fast and reliable delivery of your orders to any destination worldwide. Our customer service and application support teams are at your disposal at any time.



- 1 SISTEC in Ludwigsburg
- 2 SISTEC in Berlin
- 3 SISTEC in Frankfurt

- 4 SISTEC Production and development in the Ruhr area
- 5 SISTEC Sales office in the Ruhr area
- 6 SISTEC Coatings Shanghai Ltd., China

SISTEC Coatings GmbH is conducting business worldwide and provides products and services through a professional network of distributors and partners in most major European markets. In addition to our headquarter in Ludwigsburg we operate sales offices in Berlin, Frankfurt and the Ruhr area (central Germany).

Our new sales and marketing operation SISTEC Coatings Shanghai Ltd. is reflecting the relevance of the Chinese market and will be an important stepping

stone to market our products in China as well as in South East Asia.

Our product range consists of do-it-yourself solutions for private customers as well as complete systems for professional users. We are also strongly committed to industrial projects, either off the shelf or creating tailor-made solutions.

OUR PRODUCT PERFORMANCE

- German engineering and highest quality
- Experienced and competent product development
- Efficient application
- Highest standards regarding durability and reliability
- Eco-friendly and sustainable production

OUR OFFER FOR YOU



We will be pleased to support your business or to create a tailor-made solution for your project.
Please contact us or visit our website www.sistec-coatings.de



OUR SERVICES

- Innovative products
- Tailor-made solutions for your requirements
- Professional and experienced application consultants
- Excellent and reliable service from our customer support and logistic teams
- Competitive pricing based on lean structures
- Individual support and reliability





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