

Skill can now be measured in micro-metres too.

A few details about Dörken MKS-Systeme.





Micro-layer corrosion protection – the most fascinating subject in the world. (Well, it is if you come from Herdecke.)

There are more than 35 different kinds of corrosion – and we are on first-name terms with every one of our “enemies”: from oxygen corrosion to filiform corrosion via surface corrosion and stress corrosion. You may already be getting the idea that when it comes to corrosion protection, we are in our element – and have been since 1980.

And because we are constantly developing new ideas and products, we have grown from a small family-run business in the small Westphalian town of Herdecke into a world leader in the field of micro-layer corrosion protection systems, also known as MKS.

Dörken MKS-Systeme offer you a product range consisting of innovative zinc flake systems and “green electroplating” to cover every job and all elements of modern high-performance corrosion protection. Because today, technical standards go far beyond mere corrosion protection. Environmental protection, durability, efficiency, and constantly improving and developing

our products with an eye to additional functions, such as coefficient of friction and chemical resistance, have become just as important since then. This means that our highly innovative MKS systems, under the brand name DELTA-MKS®, are not just environmentally friendly. They are also extremely resilient and long-lasting.

With the acquisition of LP-Oberflächentechnik GmbH and the resulting addition to our portfolio of “green electroplating” expertise, we are now able to provide an all-round service to help you find the right high-performance corrosion protection solution for every single component.

DELTA-MKS® is constantly setting new standards in the market and meeting our customers’ increasingly complex requirements in the automotive, wind power, electronics, construction and aviation industries.

You can find out a bit more about us, what we do and the versatility of our products over the next few pages. Greetings from Herdecke!

The famous “What can we do for you?” now comes in 15 different languages.

We take customer proximity literally – everywhere in the world. We are local wherever our customers call home. And that’s not all: our product managers and staff at all of our foreign representations are locals who not only speak our customers’ language, but know where they’re coming from, too. This means that we can be certain that our high standards for our products are being kept to, everywhere in the world.

But whichever language you want to speak to us in, we can advise you on all issues of application technology, support you in getting started and be on hand whenever you need us. This means that you can rest assured that together, we will always get the best results.





Technology leader – sounds like a lot of work. That's because it is.

When it comes to new products, innovative technologies and their practical application, we aim to be always that all-important micro-metre ahead of the pack. Admittedly, that does little to make our work easier, but it does make it more successful. The best example of this is DELTA-PROTEKT® KL 105, our innovative zinc flake system with integrated lubricants, offering optimum micro-layer corrosion protection, even with the narrowest coefficient of friction window. The advantage of this is that it makes the coating procedure simple and efficient, as you don't have to do any extra coating, allowing you to cut out a whole stage of the material change process.

So efficient, in fact, that we won the Federal Ministry of Economics and Technology's Material Efficiency Prize for our DELTA-PROTEKT® KL 105 – but more of that later.

And of course, the high standards we set for our zinc flake systems also apply to our latest area of expertise, "green electroplating". Our commitment to using no additives that are harmful to health or the environment informs our current research.

Incidentally, we could fill this space with any number of further examples of our development work, but we'd rather save them for when we meet you in person.

Why our ideas don't ever rust, either.

It doesn't matter how good or successful an idea is. There will always be a better and more successful one. And that's what we're working on, day in, day out: we are constantly on the lookout for new solutions to make our products – and our clients' – even better.

This quest for innovation, however, is not just the responsibility of our Research and Development team, but an inherent part of our corporate strategy. All of our staff, from our apprentices to the Chairman of the Board, have internalised this particular

mindset and approach to their work. At the end of the day, it's our job always to offer our clients the best corrosion protection available at the time. And that's why we spend our todays searching for the ideas of tomorrow.





Our quality standards are quite simply anything but standard.

Our definition of quality is quite simple. Quality is when the client comes back, never the product. And to ensure that it stays that way, our micro-layer corrosion protection systems need to satisfy the highest standards always, even in the future. Because at the end of the day, they are put into operative service precisely because high-performance corrosion protection is of the utmost importance – in the automotive industry, for one.

This is why we created our Quality Development Department, which is constantly working on new

ways of improving the quality standards of our DELTA-MKS® systems. This department tracks, checks and improves the whole process from paint manufacture to the coating process and right the way through to delivering the parts to the manufacturer.

And because all of this happens with quality standards that are the same the world over, every single one of our coaters has to be regularly audited by our Quality Development Department.

Because it doesn't matter whether it's a connecting bolt, a brake disc or a spring, the very highest quality levels are the common factor throughout the entire DELTA-MKS® product range, wherever in the world you use our products. That's how easy it is to define our quality standards.

For some it may be sustainability, environmental protection or liability. For us, it's beyond question.

There's a great deal to say on the subject of the environment. But as words alone won't change anything, we'd rather let our actions speak for us. So in 1980, we became the very first on the market to offer our products fully chrome-free (VI).

These days, in order to protect the earth's resources, we have all of our environmental objectives tested very carefully every year as part of our EMAS (Eco-Management and Audit Scheme). In fact, we actually choose to go beyond the legal minimum standards.

In addition, our DELTA-MKS® systems contain no mutagenic, carcinogenic or teratogenic matter. This means that not only are they quite harmless to human health, but they can also be processed further without any problems.

For us, resource efficiency has a major part to play in this. With the electroplating DELTA-PROZINC® products, for instance, we keep a careful eye on economic material use and material reusability. And efficient application technology for this system also makes it a future-proof product as regards that other important resource: energy.

And that's just one example of our tireless search for innovative and sustainable ideas.



This page is really award-worthy.

The Innovation Prize.

Here's some good news: Dörken has made it onto the list of Germany's 100 most innovative medium-sized businesses. That's twice we've managed to win over the high-calibre panel of the prestigious company rankings with our "systematic, well thought-out and successful innovation management". And so we would like to say a big "Thank you" and point out that innovation is actually nothing new for us. The Dörken Group has been constantly developing new ideas since 1892 – obviously, a lot of these have had to do with surface protection. It's just business as usual for us...



The Best Professional Supplier Award.

Dörken MKS-Systeme has scooped the prestigious Best Professional Supplier Award. And as we don't like to blow our own trumpet, we would rather quote from the speech that accompanied the award. Apparently, what clinched the prize for us was largely our operative excellence, quality and sustainability.



The German Material Efficiency Prize.

And we would also like to thank the Federal Minister of Economics. Because the Federal Ministry of Economics and Technology awarded our zinc flake system, DELTA-PROTEKT® KL 105, the German Material Efficiency Prize. We are particularly proud of this, as this prize is only given to innovative products which have proven to yield excellent value for money in practice. And so now, we can officially say that, when put to the test, our DELTA-PROTEKT® KL 105 saves work, energy, time and money. All of this won over the panel. Maybe it will win you over, too.





Dörken MKS-Systeme has many strengths. Here are some of them.



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