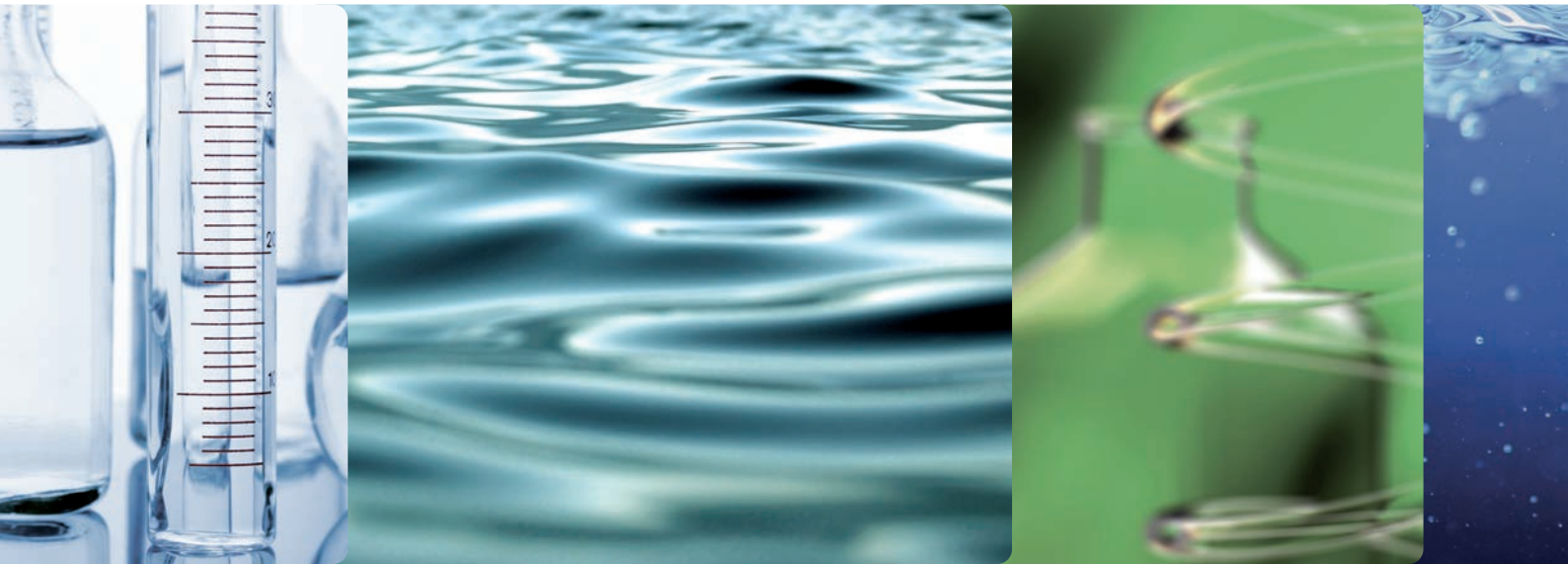


Wassertreatment
made in **Germany**

We care about your system



aqua
concept

Water treatment made-to-measure

 **Schicht**

Water treatment technology

aqua-concept & Schicht

Passionate about water



Water is our driving force

The usage of water poses ever greater challenges – that's what drives us.

We worry about the negative effects of water so you don't have to. With our products, you no longer have to worry about corrosion, limescale formation or microbial growth. We also support you when it comes to the increasing demands for water quality, higher hygiene standards, cost pressure and poor pipe materials.

Our goals: **innovation, sustainability, optimal quality** and more **added value** for our customers.

We offer innovative products and technologies for efficient water treatment.

A concentration of expertise

Our highly-qualified teams develop customised solutions for all water-bearing systems. In 2010, we extended our range to include the water treatment technologies of **Schicht GmbH**.

aqua-concept & Schicht: More than 35 years of high-end water treatment expertise.

Well over 1,000 long-standing customers in Germany and across Europe and above are already convinced of our unique and special expertise and customer service.

Our outstanding, customised products, innovations and environmental awareness are key to this success – qualities that put us, and you, in a strong position for the future.

Customised water treatment made for you **careblue** is the **answer**



Customer service: what we're all about

Individual solutions, top quality service and excellent value for money are the reasons behind the success of **aqua-concept** and **Schicht**

Every water quality and system is different. That's why we don't offer standard solutions – only products specifically tailored to your needs. Regular system monitoring and results analysis is all part of this package.

When it comes to water, we'll find the **best solution** for you – we call it careblue.

More than 100 special chemical products and technical processes can be deployed to tackle specific problems, whether it's protecting against corrosion, breaking down limescale deposits or microbial control.

Your satisfaction is our benchmark

In addition to our broad product range, we also develop customised products to meet our clients' individual requests. For us, only the very best result is good enough.

aqua-concept and **Schicht** guarantees **quality, safety, cost savings** and **sustainability**.

- ✓ Service from A-Z: from the initial site evaluation through to targeted development and implementation of customised solutions.
- ✓ Environmentally friendly, effective specialised products used in low concentrations.
- ✓ Minimal maintenance expense, cost reduction and the highest operational availability standards.
- ✓ Long-term customer care and protection of your systems.

Your **system** – our **solution**



Cooling systems

Bacterial, limescale and corrosion protection

Highly effective and environmentally sustainable – in many industrial processes, water is ideal for open and closed cooling circuits.

Maximum operational availability, preservation and sustainability can only be achieved with optimal water treatment.

In many cases, the build-up of limescale, corrosion and bacteria due to poor product choices can lead to considerable problems in the cooling process!

Analysis, advice and customised products: **aqua-concept** always finds the right solution for the successful running of your system – including **enhanced system life, energy and cost savings**.

Steam boilers

Safety is impossible without water treatment

The use of energy from steam has always been a strong impulse in industrial development. The major challenges with steam systems have always been safety and efficiency – neither can be achieved without optimised, consistent quality of the water used in the boilers.

For more than 35 years and continuing to the present day, **Schicht's special products** for steam boiler systems, proven by their **high quality**, have been established in hundreds of systems.

Our innovative energy-saving products are particularly in demand. Despite the rising price of crude oil, they can help to reduce operating costs significantly. With **Schicht** products, your systems will easily meet international standards such as the German standard **TDR 611**.

Your **system** – our **solution**



Drinking water

Protecting your hygiene: caring for your life

Water is the source of life. But wherever there is water, there are also dangers lurking, such as microorganisms, limescale and rust. Global phenomena such as climate change and population growth are making water resources increasingly expensive.

Our need for consistently high-quality water is growing. This was highlighted above all in the new drinking water regulations of 2011, imposing tougher obligations on all energy providers and property owners responsible for the quality of the supplied drinking water especially with respect to legionella and pseudomonads. We have provided all-round support to several thousand properties so ensuring the quality of the drinking water.

*Optimal hygiene and protection against limescale and corrosion: we can offer you the benefit of many years' experience with tried special products and individual services – **trust us, trust careblue.***

Damage? We can help!

System cleaning, limescale removal, de-rusting

Often, you don't realise until it's too late: poor water treatment can cause serious damage. Organic deposits, rust and limescale can lead to pipe lock – and even system crash.

We can reverse the cycle.

With **aqua-concept** special "online" limescale removal process, we can often avoid disrupting the system which in turn results in cost savings.

We can "reset" your system.

With our optimised concepts, we've convinced many new customers that frequent, expensive cleaning operations, such as those often carried out by competitors, are no longer necessary.

Your **system** – our **solution**



Humidifiers

We'll provide the right climate

Ideally, air-conditioning should have built-in air washers to remove impurities from the air. But in room ventilation systems, the air often has to be re-moisturised. The German regulation VDI 6022 was issued in response to the extreme contamination and pollution found in these systems.

With the extensive **aqua-concept** product range, you'll be fully equipped to meet international standards. Our expert staff will be happy to help you select and install the right products.

The result: **optimal hygiene, safe processes and minimal maintenance expense.**
Saving you money!

Fountains

Care and hygiene with fontagard

Fountains really show off water at its best. But algae and limescale can often spoil the visual effect and the cost of maintenance is unexpectedly high.

aqua-concept has many years' experience in the treatment and care of fountain systems.

Our modular **fontagard** maintenance system has been developed to cater for many **specific requirements.**

From protection against algae, removal of limescale and cleaning, through to fully-automated water treatment, we have the right products for your system. **fontagard** ensures that the artistic value and pleasure of your fountains will last.

Your **system** – our **solution**



Sprinkler systems

Corrosion protection at its best

Sprinkler systems save lives and protect buildings if fire breaks out. But the risk of build-ups and corrosion caused by water is often underestimated. Well-planned water treatment will ensure that the system works reliably in an emergency.

aqua-concept has worked closely with leading sprinkler system manufacturers to develop successful anti-corrosion products. We will analyse your system first to ensure exactly the right dosage of product.

The **aqua-concept** maintenance system extends the life of sprinklers and improves their functionality. Older systems can also be optimised. Our sprinkler products have been licenced for use in old and new systems by VdS and FM Global.

Special formulations

Versatile services to suit your requirements

We are driven by your success: the enhanced performance of many production machines often means that additional cooling systems have to be installed. Other industries, such as medical technology, are also dependent on effective cooling circuits.

We ensure that you can keep a cool head when planning – and your production system will always have the desired output capacity thanks to the specially-developed formulations of **aqua-concept** which guarantee a stable, well-defined coolant every time.

Whatever your plans may be, we'll provide you with active support from the **first consultation** right through to **development** and **realisation** including **after-care**.

Your **system** – our **solution**



Dosing technology and systems engineering With **aqua-concept** it all comes together

The right product combined with modern dosing and systems technologies. As a full-range producer, **aqua-concept** offers both these things, guaranteeing optimal system configurations.

In addition to water softening systems and dosing pumps, we can provide reverse osmosis, ultra-filtration, UV and chlorine dioxide systems.

Our expert **on-site service covers** the whole of Germany and offers top-quality **customer care**. Whether it's simply analysis or the full service you require, with our extensive range of stable, high-quality, sustainable systems and prompt delivery of spare parts, we can cater for your needs.

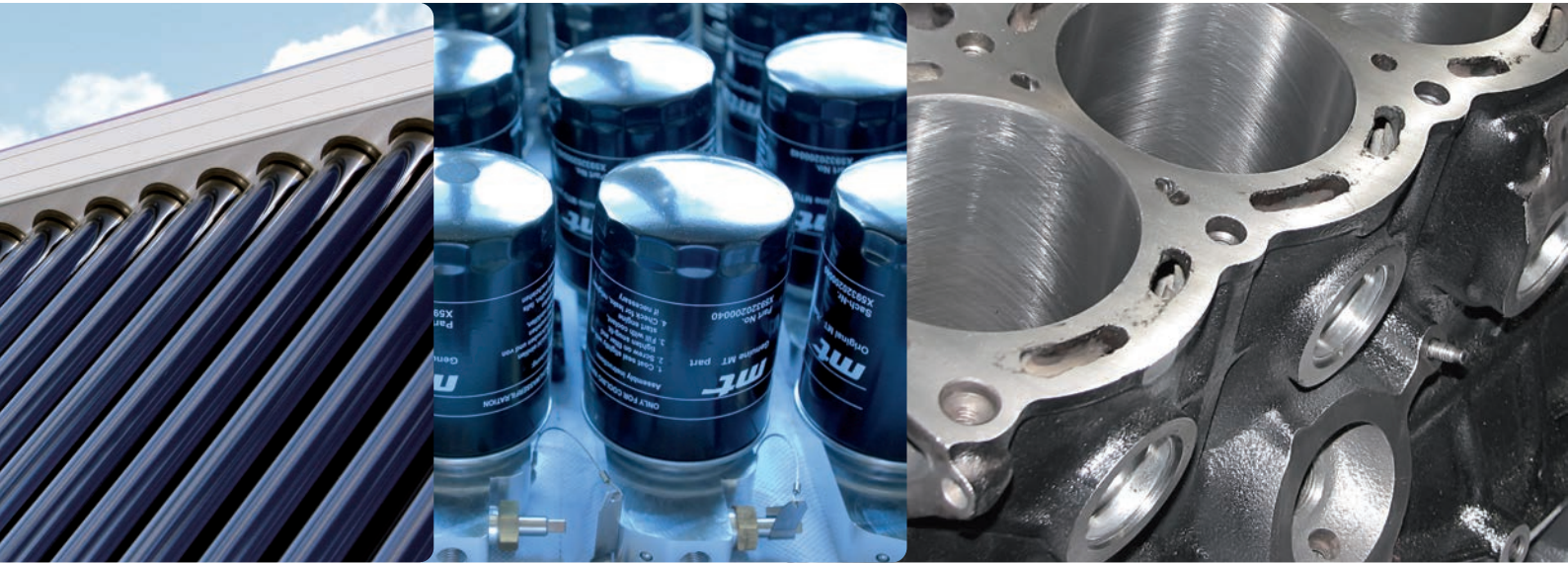
Central heating Keeping your heating efficient

Energy and heating costs are rising. Optimising the efficiency of heating systems is becoming increasingly important. **coracon** protective fluids protect the water in heating systems against corrosion and lime-scale deposits, and also meet the requirements of the German **VDI 2035** heating standard.

Our **special coracon products** optimise the level of **protection** for old and new systems alike.

The **coracon range** not only covers all the right cleaning products and filtering technologies. Our expert customer service team will assist you with implementation and maintenance and also with the sanitation of old systems.

Your **system** – our **solution**



Solar heating and geothermal energy Our opportunity for future generations

The demand for energy is growing inexorably and is one of the great challenges facing the planet. The effective use of solar and geothermal energy is part of our future.

We also offer solutions in this field: particularly when it comes to protecting against corrosion. Our **coracon** solar fluids, coolants and heat transfer products represent outstanding quality and improve sustainability. They can also be used in CO₂-neutral biogas plants.

Leading systems manufacturers are already basing their designs on our **development capabilities** and **broad product range**.

Large engine cooling The sophisticated side of water treatment

Only a small number of companies have the right expertise in the extremely sensitive sector of large engine cooling. Our special **coracon** products fit the bill when it comes to anti-corrosion and filtration applications.

Our products are outstandingly effective and meet the high challenges posed by valuable 8- to 24-cylinder engines. The range also includes engine fluids, anti-corrosion products with or without antifreeze and an assortment of filter systems.

Our know-how is appreciated by many **engine manufacturers**. We offer an extensive product and service programme, ranging from engine cycles through to district heating networks – **guaranteed safe and competent**.

Quality is our standard



Quality through perfection

The ultimate objective of **aqua-concept** und **Schicht**

We're always testing ourselves. An external DEKRA audit has certified **aqua-concept's** and **Schicht's** excellent quality management system for years. In 2001, our company obtained certification according to the stringent **ISO 9001** criteria.

Our end-to-end traceability process is also a guarantee of safety.

Because what counts in the end is **quality**.
That, our customers can be sure of!



BAUM.
Bundesdeutscher Arbeitskreis
für Umweltbewusstes
Management e.V.

Protecting the environment is **our responsibility**



Water: the foundation of life

It goes without saying that **aqua-concept** and **Schicht** take their environmental commitment very seriously.

aqua-concept and **Schicht** have DIN14001 certification for sustainable. We have set ourselves the target of minimizing the amount of refuse, residues and waste water we generate, using technical and organisational measures.

Through our highly concentrated products, we also help to reduce transport volumes.

Our company only uses hydro-electricity. Our production is therefore CO₂-free.

Resource-efficient technology

We are scrupulous about our production processes and also the substances we use.

Thanks to eco-friendly, effective substances, combined and used in low concentrations, we can make an important contribution to environmentally-responsible water treatment.

Using our products improves **sustainability**. Protecting against corrosion helps to increase **system life** and reduces **energy consumption**. The use of our products in cooling and boiler systems significantly reduces **water consumption**.

aqua-concept & Schicht

Strong partners for optimal water treatment – made in Germany



Water treatment technologies

Systems and special products
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Water treatment made-to-measure

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