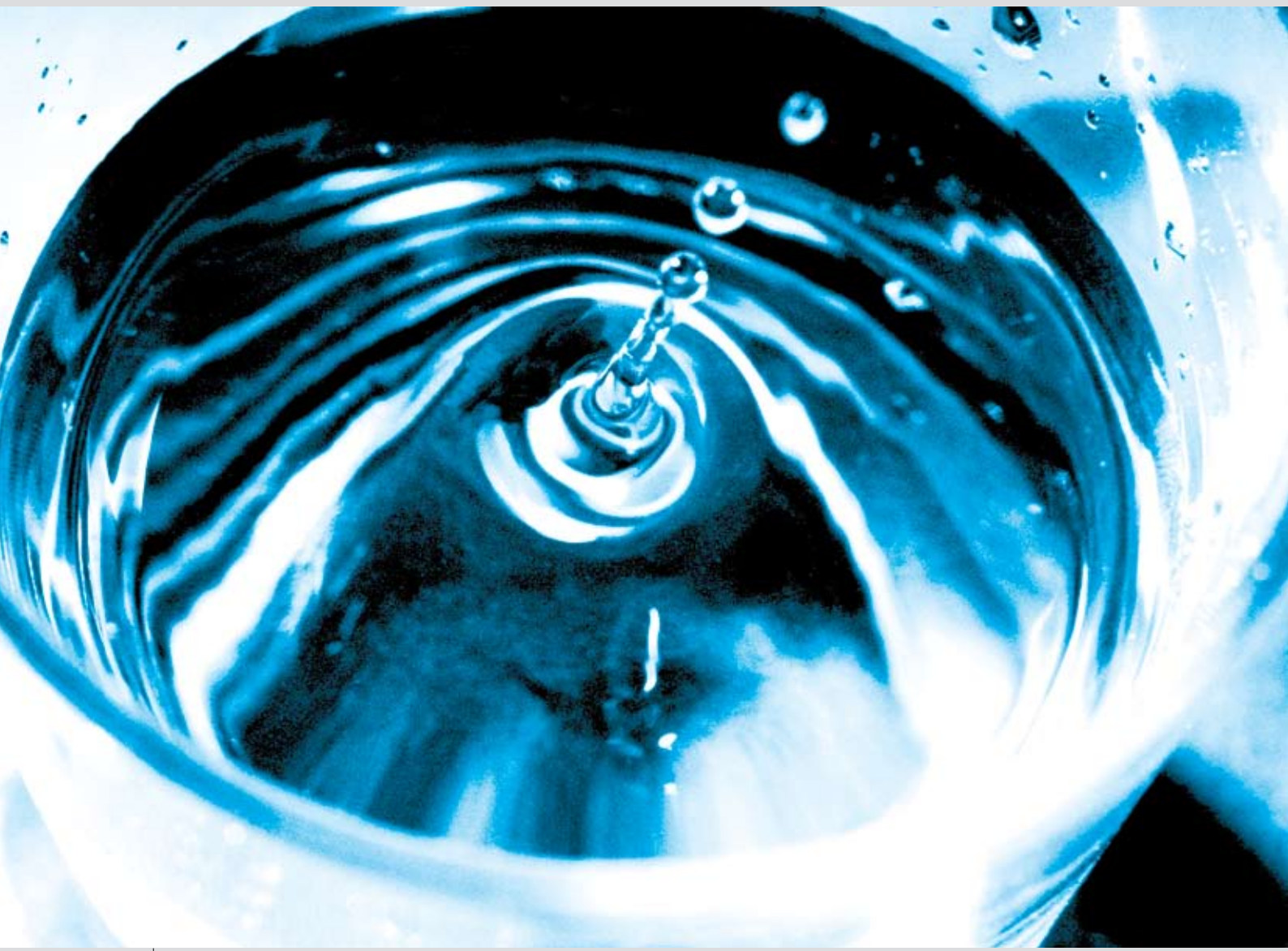


Everything For Drainage

Insights



Breaking new ground

„People who always follow in the tracks of others can never overtake“ - our mission statement describes clearly and precisely what matters to us: always to be open to new ideas and to implement these in innovations which will be successful on the market. To do this, we are following our own roads - not just blindly straight ahead, but consistently and purposefully looking forward with a clear view of what is important and what is feasible.



Bernhard Kessel,
company founder

Applying new strategies - our experience is your advantage

On the pulse of the market

The name of KESSEL has stood for the drainage of buildings and premises for more than 45 years. This knowledge, collected over decades, is not just flowing continuously into product development, but also into our customer service. This is how we can help you to open up new markets and to extend existing business sectors.

The company, which started in 1963 as a small sub-contracting company for the plastics processing industry, is now an international company with more than 400 employees active in the drainage sector in Germany, Europe and Asia. The intention of providing technical perfection and long-standing partnership with our customers has made us the market leader.

Located on the A9 between Nuremberg and Munich with good transport connections - KESSEL's headquarters in Lenting.

Innovations are born from ideas

Our credo, which is to stay one step ahead of the competitor as a think-tank, is also visible in our powers of innovation. To us, this primarily means recognising market developments early, having precise knowledge of our customers' requirements and creating products with real added value.

With more than 100 patents for technical inventions and registered designs, KESSEL possesses a wide range of patents for drainage technology.



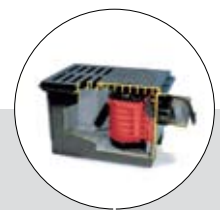


Drainage anywhere

There is no sustainable use of water without drainage. For this reason we have made it our purpose to dispose of water as efficiently as possible - any place and for anyone. We can do this in buildings, in the cellar, in front of the house, for both private and public building clients, for detached houses, office buildings or industrial premises.



1971
Market launch of Staufix®
backwater valve



1981
First installable
pump sump

From under one roof - everything you need for drainage

The drainage specialist – why KESSEL has earned this title

There is a reason that our aims are entitled „Everything for drainage“. This is because we concentrate on what we do best: integrated solutions for the drainage of building and property from one source - KESSEL. In other words, you can be sure that we will find the right solution for your drainage problem.

Our product range includes building services, building and civil engineering sectors. From backwater valves through floor drains for internal and external use, pumping stations, separators, manholes, rainwater collectors and drainage channels for external use right up to road gullies. For special customer requirements, KESSEL has set up an in-house project department which include specialists who develop custom-made products for all requirements.

Solutions with a system behind them

We supply solutions with a system which follows clear guidelines. This is the main source of KESSEL's success. Over the last 45 years, our range has grown organically and has been systematically extended. Our modular system guarantees optimal functionality and a high degree of effectiveness.

Our products need to withstand considerable stress every day of the year. For this reason, we consider that innovation is inseparably connected with the choice of the right material. In addition to continuous optimisation of our established materials plastic and stainless steel, we are keen on developing new materials. For example, we gave the new high-tech material Ecoguss® its premiere in 2007.



1986
First grease separator made of PE



1994
Market launch of inspection chambers made of PE



1996
New business sector in rainwater utilisation



2005 **DESIGN PLUS**
Design Plus prize for bathroom drain collection.



2007
New material Ecoguss® for commercial construction



2008
Market launch of drainage channels for external use.



The backwater phenomenon

Water may be the element of life, but too much of it can be dangerous as well. Heavy rainfall can, for example, cause the water in the drainage system to rise higher and higher. Since the drainage pipes have not been designed for such high levels of rainfall, the water backs up further and further. The result is then the dreaded backwater. Water forces itself at high pressure into any room which is below street surface level.



Water is dangerous - that's why we have tamed it

Backwater valves - so that house and property stay safe

The results of backwaters, such as damage to buildings and furnishings, are considerable. KESSEL has been market leader in backwater protection for more than 30 years. Nowadays we can offer backwater valves for every possible situation.

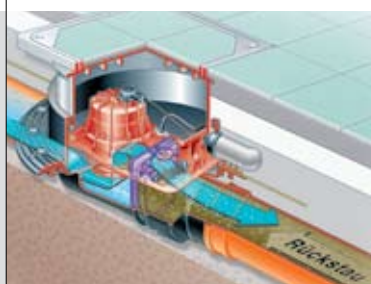
Climatologists are in agreement that the frequency of heavy rainfall will continue to increase. This means that backwater in the drainage system will be taking place even more often in the future. KESSEL offers a wide range of backwater valves for prevention - from a retrofitted valve for the siphon on the wash stand right up to fully automatic controlled backwater valves with warning messages and pump. They all protect you safely and effectively against backwater. Your house and your property can remain safe in any weather.

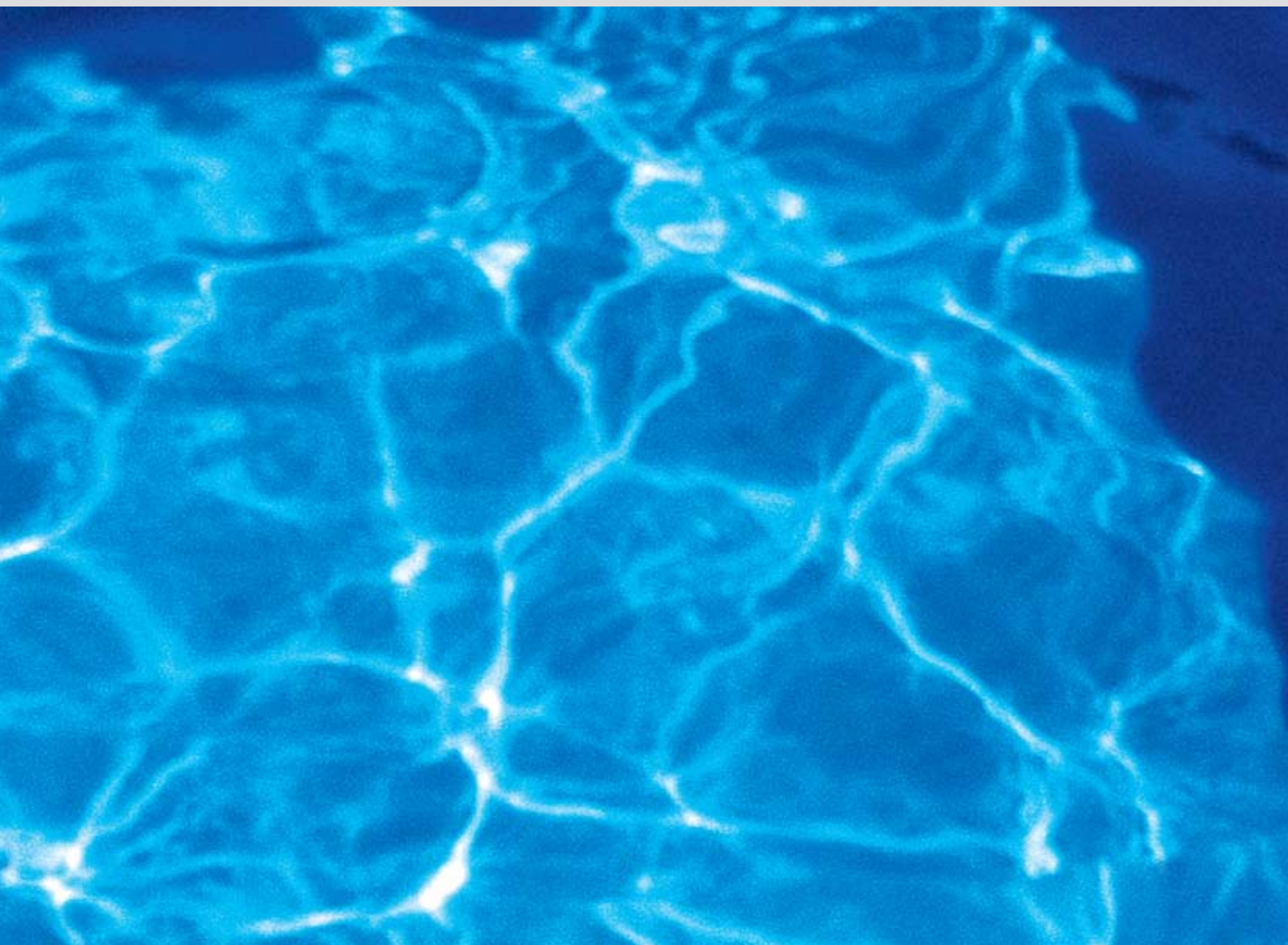
Pumping stations: safety to the fore

Housebuilding is becoming more and more expensive. More and more clients find it important to have fully-fledged residential space in the basement. If the cellar is below sewer level, the water from showers, toilets and wash basins needs to be raised up to the level of the drain. Here, reliability plays the decisive role. Our pumping stations are foolproof, low-noise and simple to service so that you can enjoy maximum residential comfort.

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KESSEL backwater valves and pumping stations ensure safe drainage in any weather.





Looks are important

Appearance plays a decisive role in the newest generation of baths. This applies to bath drains in particular. Nowadays, they are not just functional objects but real design elements. More and more clients and architects are deciding to have optically appealing bath drains.



Water is sensuous - that is why it requires a stylish platform

Symbiosis of appearance and functionality.
The KESSEL bathroom drain collection

With its prize-winning bathroom drain collection, KESSEL has tuned into the trend for the feel-good and wellness baths. The range of models offers something for every taste - from high gloss design covers, to the new invisible cover right up to the new Linearis shower channels.

However, drains need to function perfectly. Our long-established modular system ensures that this is the case. All KESSEL bathroom drain bodies can be combined with any upper section required. This allows designers and workers to react flexibly to any fitting situation. Particularly practical: the drains can be quickly opened, removed and safely locked again using the patented Lock & Lift system. This reduces the time required for cleaning by around 70%.

Award-winning design

The appearance of our bathroom drain collection also managed to convince the design experts at the Frankfurt trade fair: at the world's leading sanitary trade fair, the ISH, they awarded the bathroom drain collection the coveted DESIGN PLUS for outstanding and particularly innovative design. This is a prize of which we are more than a little proud. This is because KESSEL won through against numerous competitors from both home and abroad.

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DESIGN PLUS

Prize-winning design:
The KESSEL bathroom drain collection.





Every drop matters

In the time of climatic change, we all have to take responsibility for handling our natural resources in a caring way. Water is a valuable and limited resource. That is why it is of utmost importance to save water everytime it is possible.



Water is a limited resource - and that's why we don't let it drip away

Use rainwater, save valuable drinking water

The treatment of drinking water is becoming more and more costly, and prices have been rising for years. So why should you buy expensive tap water when it falls out of the sky for free? Our rainwater harvesting equipment helps you to save drinking water.

For this, we can supply the right complete solution to every requirement. From simple models for watering your garden right up to fully automatic equipment with pumping station and automated drinking water feed. So that everyone can do their bit for the environment.



Rainwater usage is worth it: almost half your private water consumption can be replaced in this way.



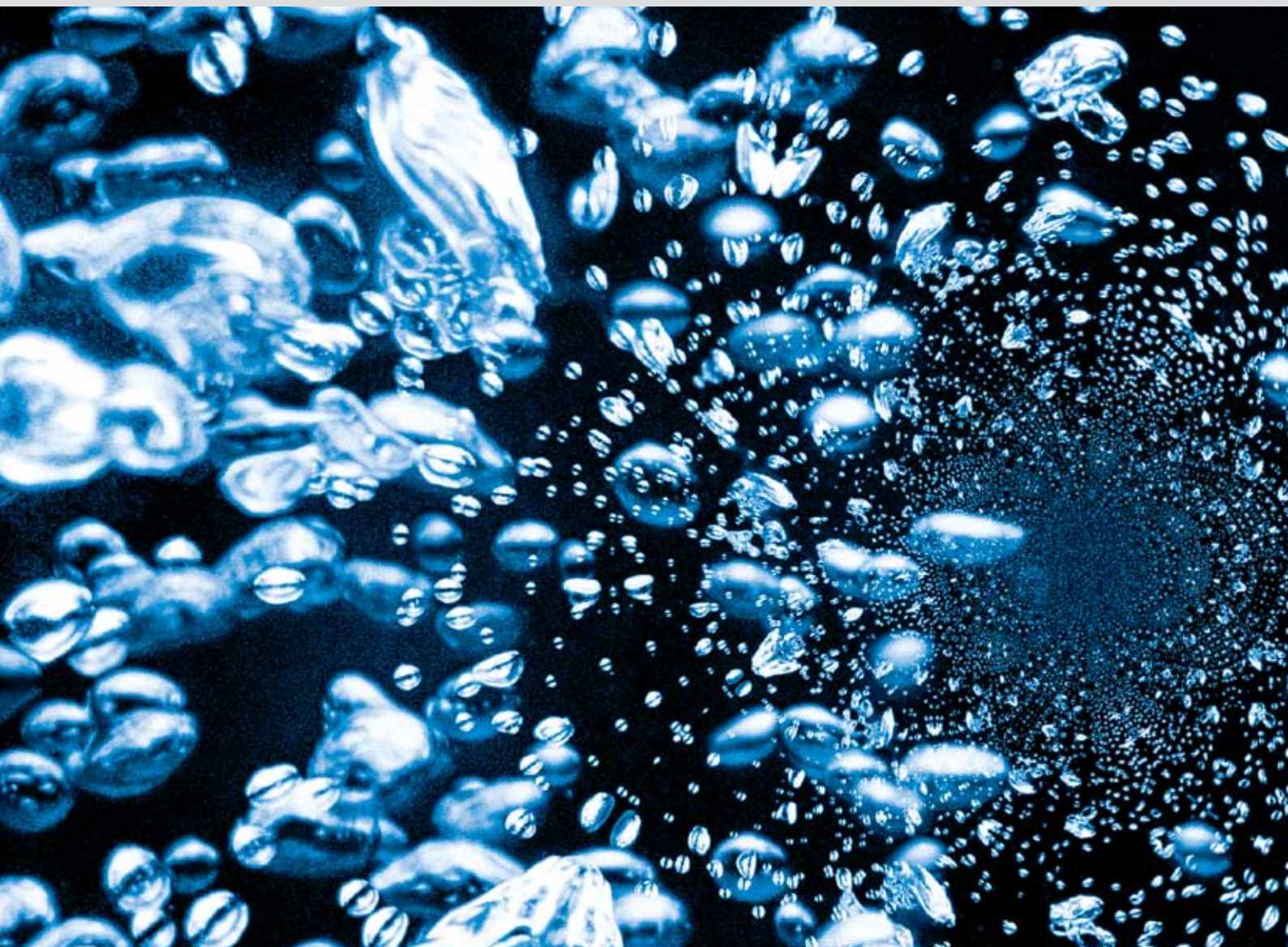
Manholes - permanently water tight

When it's time to carry out maintenance work on the drainage system or on household connections, the important thing is rapid and safe access. Manholes provide access to the drainage system, and have to meet high standards in doing so.

Plastic is light, shatterproof, permanently water tight and particularly durable, which is why it is exceptionally suitable as a material for manholes. This is why we make our manholes exclusively out of polyethylene. It is also quality which we vouch for: KESSEL offers a guarantee of 20 years on this material.



INDIVIDUALITY



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The right solution to every problem

Every drainage situation has its own challenges. As a specialist for drainage technology, we can supply the right solution to every problem for our customers. Even in difficult cases. Guaranteed.



Water has many faces, and that's why we work to measure

Specialists for particularly difficult problems

When standard products are no longer sufficient, our experts from the project department get to work. They specialise in developing individual drainage solutions from extra-large grease separators right up to heavy-duty pump stations.

During their work, intensive cooperation with our customers is of first importance because we want every result to be tailor-made. This means that we can take over your complete order handling for you, from conception through design and construction right up to turn-key handover and commissioning.

The KESSEL Project Department.
Customizing our products to match your needs.

The project department - a success story

Individual solutions are very much in fashion at the moment, which is why our project department consistently works in this direction. This enables us to offer an extremely wide spectrum of solutions.

We have the special container construction unit, which can make special structures in all sizes for especially difficult situations. Special products which are successful are then included in the catalogue. This ensures that our continuous know-how transfer within the company is kept going.





Protect valuable resources

Water is subject to many forms of pollution nowadays, which is why we have made it our purpose to protect it. We are doing our bit by providing our separators and septic systems for wastewater treatment. The groundwater stays clean, the drainage pipes are free of sediments.



Water has to stay clean, so we are providing clarity

So that water can continue to flow:
KESSEL separators

KESSEL separators ensure that wastewater pipes from commercial buildings as well as public sewers remain blockage free by removing greases and food wastes from wastewater streams. Regardless of the specification, we have either a standard product or a custom solution to handle the exact on-site requirements. KESSEL relies on the material polyethylene (PE) for the manufacture of these separation systems. This lightweight plastic offers the exact characteristics required for this application - easy installation, leak proof monolithic bodies, easy to clean surface and most important the material is 100% corrosion free.

In addition to grease separators, we also offer oil/fuel and coalescence separators. These are indispensable helpers everywhere where oil and fuel can occur. In this case as well, polyethylene materials ensure high-quality, comfort and safety while working.



So that the environment stays clean:
KESSEL septic systems for wastewater treatment

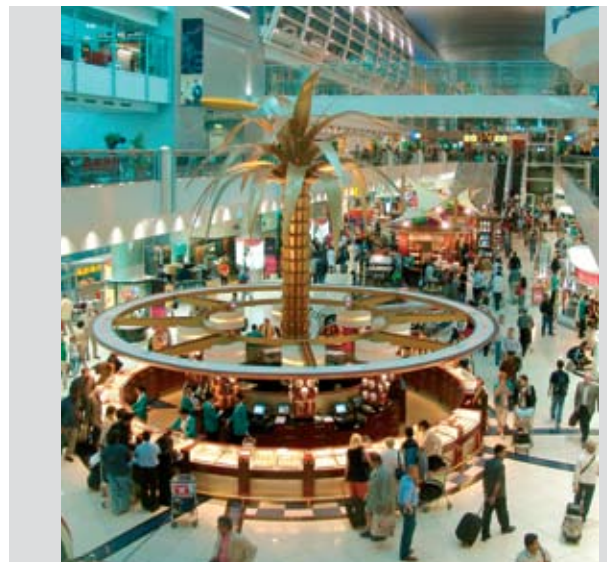
KESSEL septic systems help in cleaning domestic waste water even in areas without sewage systems. KESSEL has developed a particularly economic solution with the fully-biological INNO-CLEAN®. This allows maintenance costs and power consumption to be reduced to a minimum. It is particularly practical for building clients. The shatterproof and light units made of polyethylene can also be installed without using a crane.





International flight hub of the Middle East: Dubai International Airport

Dubai International Airport is one of the most rapidly growing airports in the world. Now the air travel hub can claim yet another record: the biggest in-flight catering unit in the world. Around 1800 staff prepare up to 115,000 meals every day. KESSEL supplied two completely automatic grease separators NS 50 for the 50,000 square metre catering facility. The client was convinced most of all by the low investment and operating costs in addition to the unit's low space requirements.



Dubai International Airport

KESSEL international - a match for everyone

Tropical paradise in the Caribbean: Almond Morgan Bay Resort, St. Lucia

In Almond Morgan Bay Resort on the Caribbean island of St. Lucia, guests from the whole world over can take an absolute first-class club holiday. Whether they spend their time in the luxurious spa, take part in the numerous watersports activities on the hotel's

private beach, or take time in one of the four gourmet restaurants, the visitors can expect an exclusive holiday experience. Here, a KESSEL grease separator „SE“ NS 4 ensures separate disposal of kitchen fats and sludge.

Almond Morgan Bay Resort, St. Lucia





New standards for wellness baths: the Erding thermal bath

Europe's largest and most varied swimming pool landscape, the Erding thermal bath, is situated just outside Munich city limits. After an expensive extension costing more than 65 million €, a massive 12,000 square metres of sauna paradise, an exclusive Royal Spa Club in addition to a new slide area invite clients to relax. KESSEL provided the facility with more than 250 designer bathroom drains. In addition to low maintenance costs, the elegant design of the drains and the exceptional product support gave the final reason to award the contract to the Lenting think-tank.

The Erding thermal bath



Pictures: Erding thermal bathing

Everything For Drainage – worldwide

We are now present in more than 38 countries on four continents, represented by our extensive sales network. For one reason, to make drainage work.

The KESSEL network in Germany

In Germany, we sell our products to the appropriate industry via our trade partners in the construction materials, sanitary and civil engineering sectors. The drainage engineering and civil engineering sales teams support our customers extensively and expertly.

International sales

Our in-house sales organisations (●) in France, Italy, Holland, Austria, Poland, Romania, Spain and Switzerland deal with sales on an international level. We can also reach further locations in and outside Europe using our sales partners (○).





Immerse yourself in the world of KESSEL

Take a good look at our home page and immerse yourself in the world of KESSEL. - we inform architects, engineers and craftsmen in detail with up to date information. You'll find information about the right contacts and addresses in our service area. Whether you want to take a look at design assistance, study reference buildings, experience our products in web videos or subscribe to our newsletter, you're at the right address when you go to www.kessel.de.



Satisfied customers are our future

Service and sales - partnership with professionals

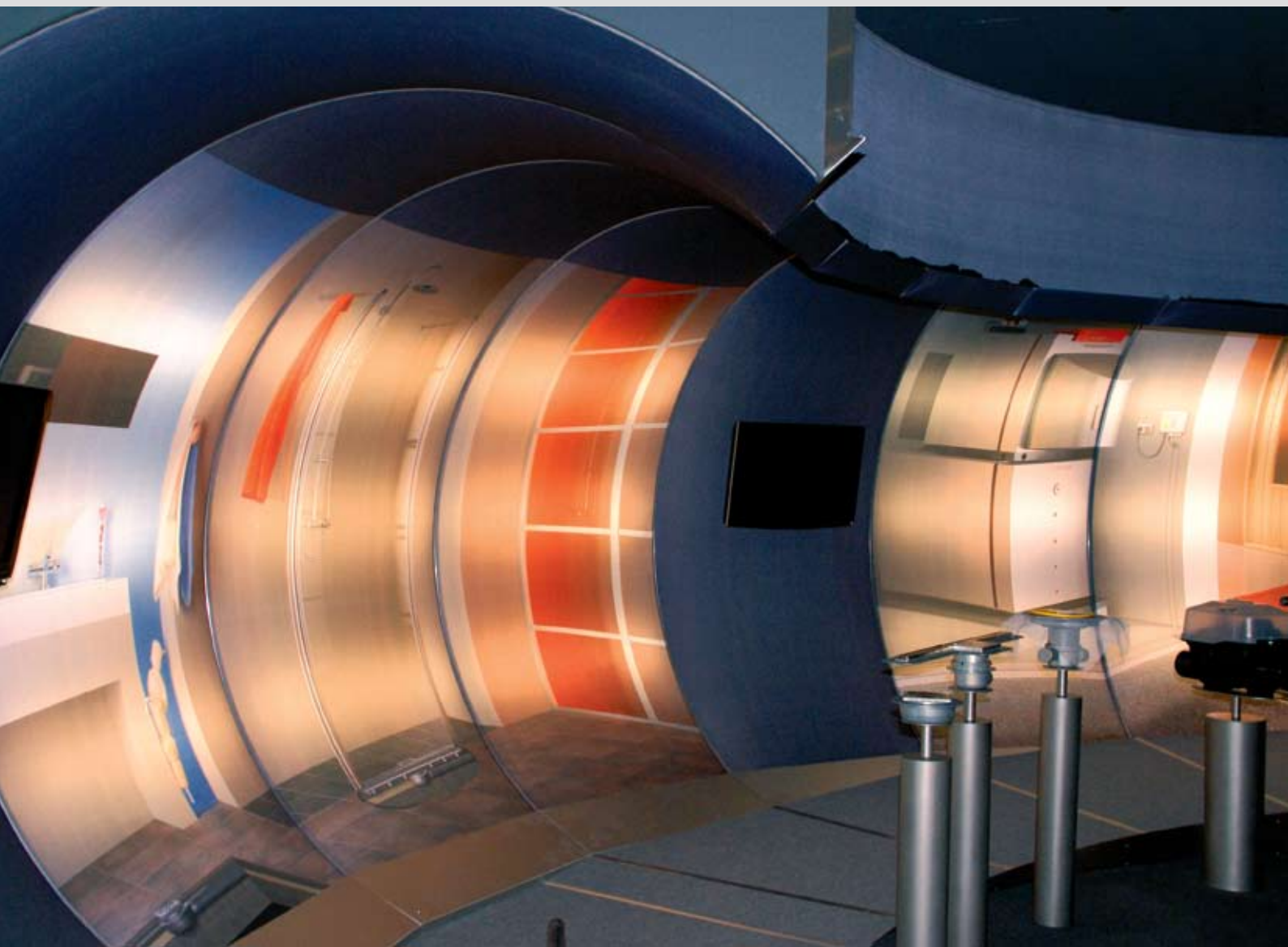
After-sales is pre-sale. This is the reason we want to sell products using professional partners and react quickly to any queries posed by our customers. And this is of course why customer service is of prime importance to us. Our sales teams in internal, external and customer services are your contacts for all questions regarding everything to do with contracts, tenders and customer service. We can provide blanket coverage for maintenance and repairs on site with our established customer service partner network consisting of around 150 specialist sanitary fitters.

The important thing is not just the product, but also correct installation. KESSEL sells its products to the craftsman via a qualified network of specialist wholesalers. This guarantees the best in workmanship quality.

Quality made in Germany

Germany provides all the preconditions for a successful business: excellently trained skilled labour and engineers, and one of the best infrastructures in the world. Despite increasing export figures and a worldwide sales network in more than 38 countries, KESSEL remains true to its production location in Germany. All company activities come together in our headquarters in Lenting near Ingolstadt. Here, we develop and produce our products, and our worldwide marketing and sales activities are controlled from this location as well. We have our quality checked at regular intervals. We are certified to DIN EN ISO 9001:2000 and are subject to external quality control by the Landesgewerbeanstalt Bayern (LGA, German regional factory inspectorate).





The world of drainage technology

Drainage in multimedia format: the world of drainage technology

The spectacular exhibition entitled „The world of drainage technology“ presents our products at typical installation sites. This is made possible by giant life-size photographs which are on view on the inside of an exhibition tunnel. Multimedia presentations on plasma screens supplement the exhibition.



Drainage up close – the KESSEL customer forum

Drainage in a new dimension

Our customer forum, which opened in 2008, consists of three parts: the “world of drainage technology”, the house of practice and the KESSEL training centre. Here you can experience the whole world of drainage in a completely new dimension.

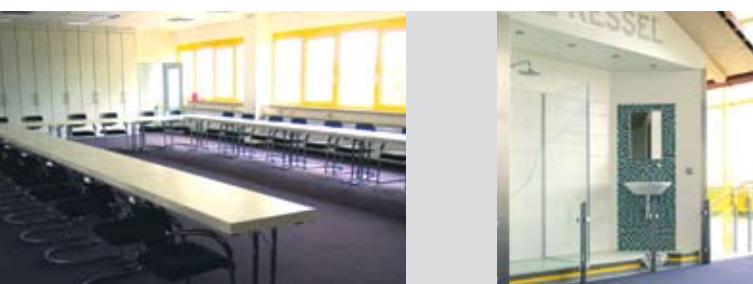
Living drainage: the KESSEL house of practice

In the house of practice you can experience how our products function - just like they do in real life. Here, we present „living drainage“. Individual floors contain original products installed as they are in real life which can be activated by pressing on a button. Transparent pipes in plexiglass show you where the water is flowing to.

Advance training with added value: the KESSEL training centre

Modern, peaceful and bright – this is how the KESSEL training centre presents itself in Lenting. The training rooms, equipped with the most modern in multimedia technology, can offer facilities to both large and small groups

KESSEL has also developed a new further training concept to match its new training centre. To supplement vocational training, we can offer a wide range of seminars for all building trades. Special training sessions for the service and operation of drainage equipment in addition to further training for successful company management round off our offers.



KESSEL-house of practice





KESSEL GmbH
Bahnhofstrasse 31
D - 85101 Lenting
GERMANY

export@kessel.de
www.kessel.de