

 **FRIDURIT®**

FOR LABORATORY PERFECTION

- Laboratory benchtops made of Technical Ceramics
- Laboratory sinks made of Technical Ceramics
- Fume scrubbers
- Neutralisation units



TOP QUALITY FOR TOP DEMANDS

Your customers place high demands on your products and services in terms of quality. You have every right to pass these demands on to us, and we know that excellent work, research and manufacturing are only possible in an excellent working environment.

In modern laboratories the demands on quality increase at the same pace as the demands on the products and services to be supplied. These products and services are today subjected to a wide variety of quality assurance guidelines, such as GLP (Good Laboratory Practice) or GMP (Good Manufacturing Practice). Particularly stringent regulations apply in the field of medical technology and to the production of pharmaceuticals and foodstuffs, e.g. the ATMP (Advanced Therapy Medical Products) and the IFS (International Food Standard).

It is our mission to respond to these demands and, on the basis of our vast experience won over decades, to turn

them into optimum results. The FRIDURIT manufacturing process so fulfils all ISO standards for general process management (ISO 9001) as well as all aspects of ecological relevance (ISO 14001).

We create an environment where your laboratory work can be carried out both safely and efficiently. FRIDURIT products are durable, ergonomically sound and individually geared to your own specific requirements.

Together with you, we develop solutions with the highest degree of innovation to meet the very special needs of your laboratory workplace.



FRIDURIT Laboratory Technology

Sustainable and eco-friendly

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Technical Ceramics

Just like new – even in extreme conditions

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Laboratory benchtops and sinks

Tailor-made perfection for every wish

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Fume scrubbers and neutralisation units

Protecting the environment and your safety

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SUSTAINABLE AND ECO-FRIENDLY

FRIDURIT stands for leading know-how in materials and innovative environmental technologies. Due to their extreme durability and suitability for recycling FRIDURIT products make a major contribution to sustainable manufacturing.

Deciding on FRIDURIT Laboratory Technology also means the commitment to act responsibly towards the environment. With our products we meet the very highest standards, both nationally and internationally, in terms of safety, environmental protection and sustainability for new laboratories as well as for laboratory conversion projects. Our membership in EGNATON - European Association for Sustainable Laboratory Technologies – highlights our central maxim: Sustainability and Viability.

FRIDURIT laboratory benchtops and sinks are made of FRIDURIT Technical Ceramics. They are manufactured from natural raw materials in a special, resource-saving

production process, and are 100% recyclable. Our Technical Ceramics contains no chemicals and is fully emission-free. Our laboratory benchtops are self-supporting and are mounted directly onto the furniture frame.

Laboratory benchtops and sinks from FRIDURIT are extremely resilient. Their exceptionally long lifetime, functional reliability and lasting good looks make replacement buying fully superfluous.

FRIDURIT fume scrubbers and neutralisation units ensure effective protection for your building substance and for the sanitary installations in your laboratory.



Function meets design:
The resilience and durability of our Technical Ceramics exceeds all expectations, so that buying replacements is totally unnecessary.



Your laboratory is unique:
Our flexible manufacturing method, combined with a very special material, allows individual workplace design.



Plus point for the environment:
FRIDURIT environmental equipment makes it possible to treat laboratory waste air and waste-water directly at their source of emission both reliably and economically, while at the same time protecting your building substance as well as the environment.



JUST LIKE NEW – EVEN IN EXTREME CONDITIONS

FRIDURIT Technical Ceramics is permanently resistant to the extreme demands set upon it in your laboratory. Due to its exceptional material density it is more scratch-resistant than all other materials used in benchtops and has a pore-free surface.

1 Easy to clean

FRIDURIT laboratory benchtops made of Technical Ceramics pose no problems when it comes to cleaning. Dyes, varnishes, dirt and grease can all be removed without trace. Thanks to their extreme hardness and abrasion resistance our Technical Ceramics products remain thoroughly unaffected, even after subjection to repeated cleaning with aggressive cleaning agents and tools.

2 Scratch-proof

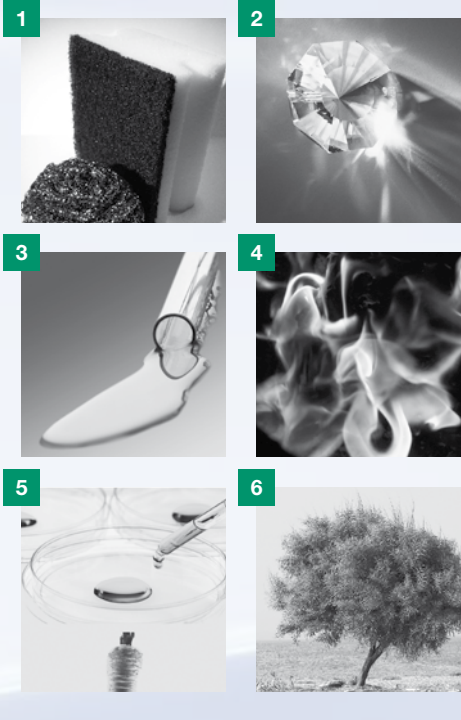
FRIDURIT laboratory benchtops always look just like new. Their exceptional scratch resistance (Mohs Hardness Scale 7) prevents any sign of wear.

3 Chemical resistance

FRIDURIT Technical Ceramics products are resistant to solvents and chemicals commonly used in the laboratory, e.g. aqua regia, hydrochloric acid, sulphuric acid and sodium hydroxide - even when these are used at high concentrations, at extreme temperatures and with a long reaction time.

4 Heat resistance

FRIDURIT Technical Ceramics products are resistant to heat from open flames and hot objects up to temperatures of 500 degrees Celsius. They are non-flammable and fully fire-proof. (Fire Protection Classification A1).



The “Hardness Test“

Put us and FRIDURIT Technical Ceramics to the test! Test the resilience of our laboratory benchtops and sinks in advance, before they are installed in your laboratory.

You can then be quite sure that they keep to our promises.

5 Microbiologically pure

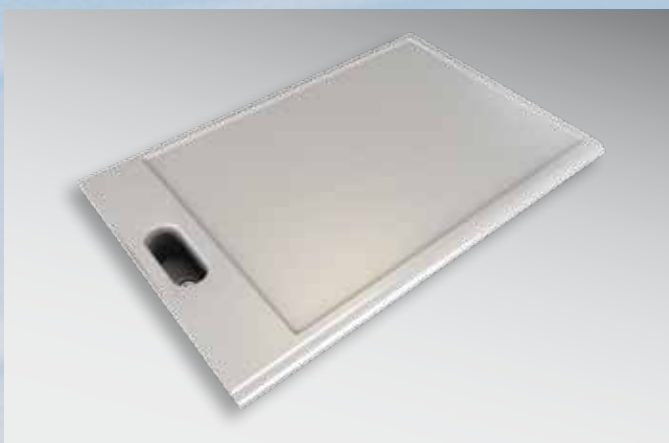
FRIDURIT laboratory benchtops can be decontaminated and disinfected. Their permanently scratch-resistant and pore-free surfaces preclude a breeding ground for viruses, bacteria and germs.

6 Environmentally compatible

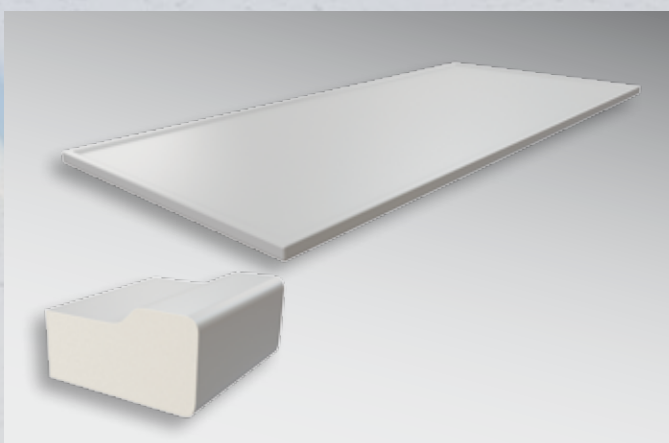
FRIDURIT Technical Ceramics is durable, fully recyclable and thus particularly sustainable and eco-friendly. An efficient manufacturing process and the use of natural, 100% recyclable raw materials make FRIDURIT Technical Ceramics an exceptionally durable, eco-friendly and sustainable material.

Flexible in design:

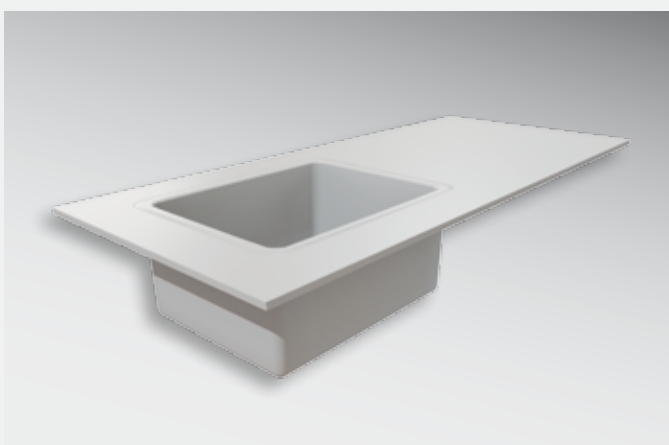
You choose your preferred colour, edge shape, bores, apertures, sinks, and a lot more – your choice of design has virtually no boundaries.



Integrated raised ceramic edges featured in the FRIDURIT premium and direct product lines offer your laboratory staff reliable protection from liquid overspills.



An attractive alternative without raised ceramic edging is provided by FRIDURIT modular with its 20 mm thin, self-supporting laboratory benchtops and matching sinks.





TAILOR-MADE PERFECTION FOR EVERY WISH

FRIDURIT laboratory benchtops and sinks made of Technical Ceramics have been tried and tested for a great many years and in a wide variety of laboratory environments. They are hallmarked by their extreme resilience, individual design and lasting good looks.

Thanks to our long years of experience FRIDURIT laboratory benchtops and sinks made of Technical Ceramics can be manufactured individually down to the finest detail and to meet the highest demands, even and especially for the harsh conditions of a laboratory environment.

Our laboratory benchtops are planned and manufactured in exact accordance with the individual needs of your laboratory. A joint-free marine edge provides protection, for example from liquid overspill, and thus ensures the highest levels of safety when working in the laboratory as well as optimum hygiene. FRIDURIT laboratory sinks are the

perfect extra when it comes to integrating the handling of water and other liquids.

Whether you are looking for a permanently resilient work surface or your main concern is environmental protection and, naturally, if you have special wishes regarding the size, shape and colour of your worktops and laboratory sinks – we guarantee you both top quality and a unique design. In short: Tailor-made perfection for every wish.

PROTECTING THE ENVIRONMENT AND YOUR SAFETY

FRIDURIT environmental equipment allows decentralized waste-air treatment at the laboratory fume cupboard itself as well as neutralisation of acid and alkaline waste-water directly at the source of emission. Your advantage: efficient work processes, preservation of your building substance and protection of the environment.

FRIDURIT fume scrubbers provide decentralized absorption of aggressive and toxic acid vapours at the laboratory fume cupboard directly, i.e. at their precise point of origin. This means you are not just making a sustained contribution to protecting the environment but are simultaneously protecting your waste-air ducts from corrosion damage.

At the same time all European standards are complied with. While central waste-air scrubbers generally have a high-energy consumption, the decentralized FRIDURIT fume scrubbers are distinguished by excellent absorption efficiency combined with a high degree of economy during operation.

The FRIDURIT neutralisation unit neutralises all acid and alkaline waste-water produced during laboratory operation both rapidly and safely right at the source of emission. By means of advanced technology our environmental equipment ensures outstanding cleaning results with low energy consumption while running fully automatically and silently in the background.

The easy-maintenance design of FRIDURIT environmental equipment minimizes outages, saves costs and proves its value time and again in everyday laboratory operation worldwide. Our service partners are always ready to provide you with all necessary care, inspection and maintenance of your eco-friendly installations.



FRIDURIT fume scrubbers guarantee a high degree of absorption of aggressive and toxic acid vapours directly at their source of emission: at the laboratory fume cupboard.



The FRIDURIT neutralisation unit neutralises all acid and alkaline waste-water produced during laboratory operation rapidly, economically and reliably.



WORLDWIDE AT YOUR DOORSTEP

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