

T-TAURI SUPERPHOBE

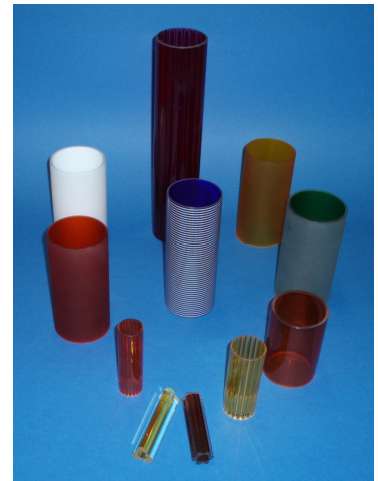


To learn from nature!

The self-cleaning-effect is a thousand years old invention of the nature – more precisely of the lotus plant: After every rain the leaves of the lotus are immediately clean and dry and the dirt is rolling off with the rain. This self-cleaning-effect is now transferable on glass surfaces.



Quartz glass sleeves for UV-C
water disinfection and other glass
surfaces are protected very
effective by
T-TAURI SUPERPHOBE



T-TAURI SUPERPHOBE is a superphobe surface finishing for glass that is resistant to water and dirt. A plain sailing that fascinates conspicuously. Patterned on the leaves of the lotus plant, the self-cleaning-effect is guaranteed.

The efforts for the cleaning are highly reduced and are simpler, the glass is protected from environmental influences, it is aging more slowly, water and dirt are washed off largely. The diffusion of lime debris and the affect of acids and leaches are reduced significantly.

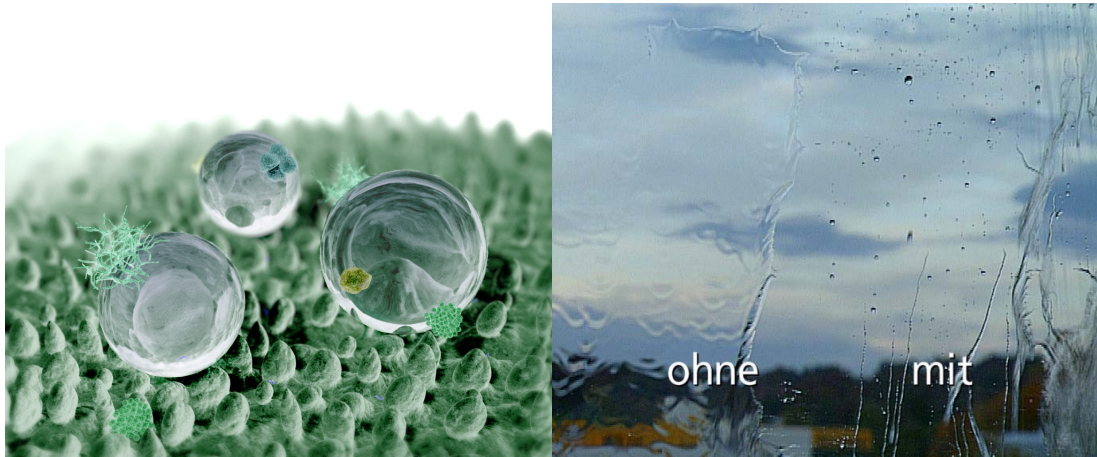
**GVB GmbH – Solutions in Glass Nordstern Park 2 52134 Herzogenrath
Germany**

☎ +49-02406/665588-0 📠 +49-2406/665588-10 e-✉ info@g-v-b.de

Internet: www.g-v-b.de

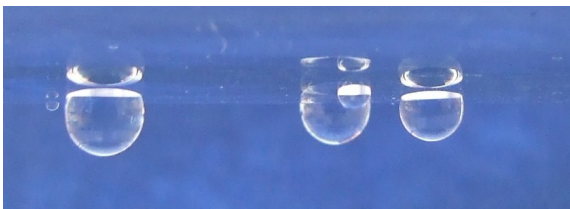
How does T-TAURI SUPERPHOBE work?

Not only the chemistry of the coating is crucial for the specific characteristics, but primarily the micro and nanostructure. The ideal case is a rough structure overlaid by a fine structure. The adhesion of particles is minimized on these surfaces because the particles are kept on top of the structure like a fakir on a nail bed. Due to running water they are washed away.



T-TAURI SUPERPHOBE:

- A high-tech-product based onto glass related substance
- It coalesces with glass due to chemical reaction
- Resistant to influences of weather and natural climatic changes
- Resistant to aggressive environmental influences, salt water and leaches
- Resistant to the influence of UV-light
- Hydrophobic and dirt-repellent, protects against new pollution
- Improves the hygiene and gives it a clear look
- Saves the costs and work for cleaning as well as detergents and thus protects the environment



Quartz glass sleeve **with**
T-TAURI SUPERPHOBE
coating



Quartz glass sleeve **without**
T-TAURI SUPERPHOBE
coating

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