



**FlexoTec**<sup>GmbH</sup>



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THE  
**HIGH**  
PERFORMANCE  
GLASS

**QUICK START GUIDE**

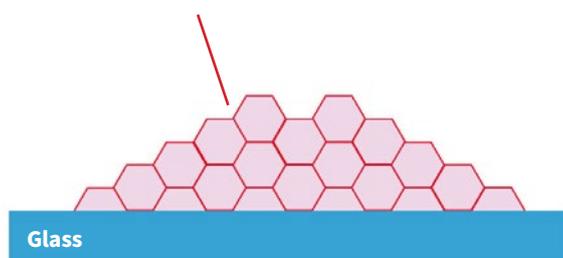
# FlexoTop® HighPerformance Glass. Protection Twice - For A Lifetime!

Glass is a noble but also very sensitive material. Dirt of all kinds in daily use can cause lasting damage to the glass surface. Corrosion leads to increasingly difficult cleaning and even to a severe reduction in transparency. This applies to both, indoor glass (e.g. shower glasses, kitchen splashbacks, etc.) as well as to outdoor glass (e.g. buildings, ships, vehicles, etc.).

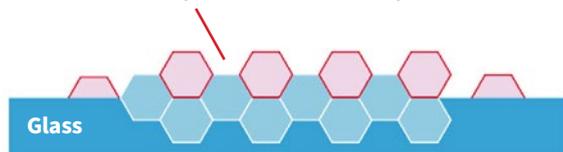
## DIRT ON THE GLASS LEADS TO DIRT IN THE GLASS!

Despite constant cleaning, glass corrosion can hardly be avoided. With regularly cleaning a damage of the glass surface from dirt dissolved in water can be avoided. This high cleaning effort also has the disadvantage that the surface is constantly exposed to mechanical and chemical stresses.

Water on untreated glass ...



... leads to damages in the untreated glass ...



... ending up in glass corrosion!

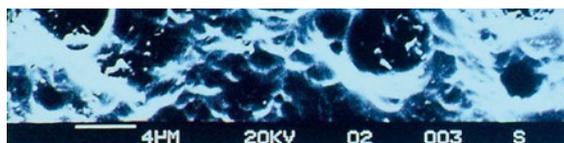
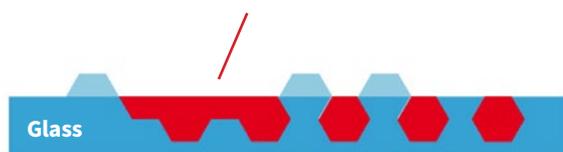
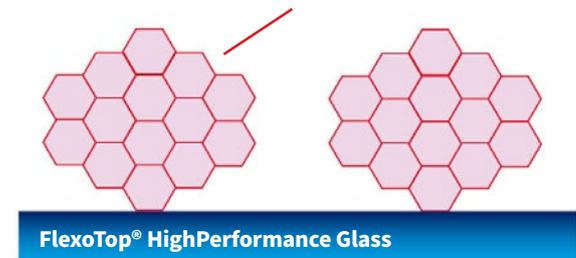


Fig.: Glass corrosion under the electron microscope!

## CORROSION PROTECTION AND EASY TO MAINTAIN!

FlexoTop® HighPerformance Glass is water repellent. This means that most of the water with the dirt dissolved in it is repelled from the surface and transported away. Furthermore, FlexoTop® protects the glass surface from corrosion and all types of dirt.

Water on high-tech sealed glass ...



... rolls off the surface in large parts ...



Any residual drying cannot harm the surface and all kinds of deposits, thanks to the unique properties of the surface, can be easily removed with a microfibre cloth without the use of aggressive cleaning agents.



FlexoTop® HighPerformance Glass is a glass that does not experience the weathering problems described above. In its development, emphasis was not only placed on finding a durable solution against corrosion. It is also designed to remove unavoidable soiling without any problems - and without the use of special and aggressive cleaners.

This has been tested and confirmed by independent institutes. Even more significant, however, is the fact that this glass has been successfully installed for more than two decades and is thus practically oriented in use.

## Step 1 Pre-Treatment

FlexoTop® Primer is designed as a glass surface activator. It also removes any surfactant residues from pre-cleaning. Therefore, remove coarse soiling as usual.

1. Spray on FlexoTop® Primer and polish into the surface with a red cloth.
2. The surface is clean and activated when there are no streaks visible during the polishing.

The surface should be coated immediately after the FlexoTop® Primer. If a washing machine is used, pre-treatment may not be necessary.

## Step 2 Protecting

1. Spray FlexoTop® GlasPlus onto a clean, dry and grease-free surface (see pre-treatment) preferably in smaller segments. Overlapping work is possible at any time.
2. Immediately spread FlexoTop® GlasPlus evenly with a blue cloth. There should be a thin film of liquid visible during application. Ensure that the entire surface is coated.
3. Remove excess material with the still damp blue cloth. Carefully polish with the blue cloth to remove any residue. The surface must not show any streaks or grey haze on the surface!

The coated glasses can be processed, packed or stored immediately. The optimum properties are achieved after 24 hours.

FlexoTop® HighTech Sealer is not suitable for absorbent surfaces (e.g., stone, marble, granite), metals or frosted glass.

## Quality Standards

The requirements for high-quality surface protection are extremely high due to the expected permanent stress. Accordingly, the test specifications for FlexoTop® HighTech Sealing are also set correspondingly high. Tests by independent institutes and constant product quality monitoring give the customer the security of durability and functionality.

FlexoTop® HighTech sealing has been present on the professional and industrial market as a surface protection for over 20 years. The product therefore not only has laboratory findings but has also been in practical use for a long time like hardly any other comparable product.

## Warranty declaration

Stability of the surface protection for at least 10 years with professional application and observance of the care instructions.

Surfaces treated with FlexoTop® GlasPlus are characterized by:

- Easy-to-clean Properties
- Chemical resistance
- UV stability
- Enormous Abrasion Resistance
- Hydrophobicity
- Dirtresistant
- Anti-Fingerprint Properties

## Maintenance of FlexoTop HighPerformance Glass

An efficient aftercare programme is available for the FlexoTop surface protection. Any damage to the surface protection due to improper use can be repaired with the FlexoTop® system at any time. The use of the following very aggressive cleaning agents, which can scratch surfaces and thus damage the surface protection, should therefore be avoided in any case: Abrasive milk or scouring powder, highly concentrated drain cleaners, tap and steel cleaners, powdered WC cleaners and cleaners with pH values below 0.5 and above 10. Surface-damaging or abrasive cleaning devices must also not be used.

# That's how shower works today:

1

Construction of Glass with Smart-Glazier

2

Apply Surface Protection System

3

Assembly with Poseidon Shower Fittings

SMART  GLAZIER  
SOFTWARE

  
**POSEIDON**  
DUSCHBESCHLAG

**FlexoTOP**<sup>®</sup>

 **ClearShield**<sup>®</sup>