

Smooth play in rough conditions – the new faceGUard finish

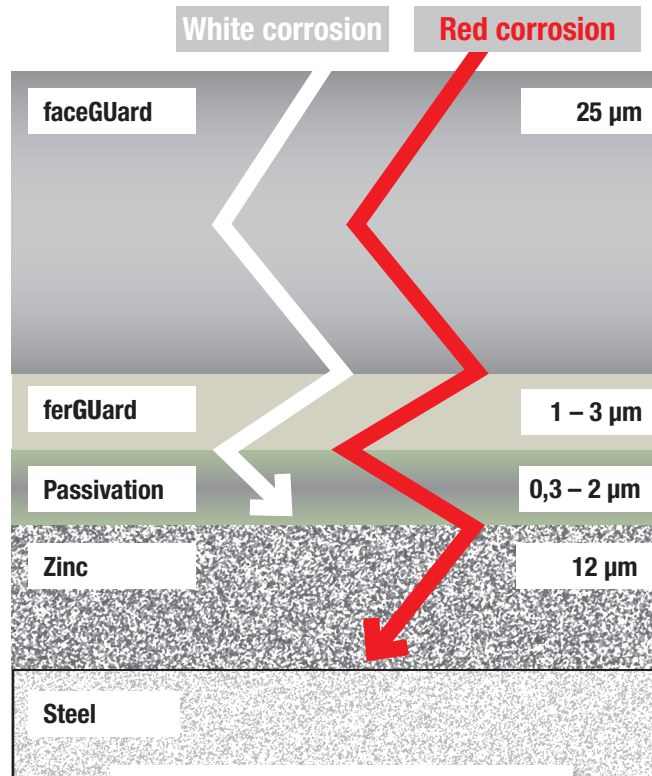
The multicomponent sealing coating offers high-class corrosion protection and therefore is essential where harsh and aggressive climatic conditions prevail. It guarantees unrestricted operability and longevity of the hardware.

Regardless of whether tilt-turn fittings, lift-slide fittings or parallel slide and tilt fittings are concerned – all fitting components are available with the new surface coating faceGUard as an option.

The benefits of faceGUard

- Cutting-edge corrosion protection providing an even longer service life for window and patio door systems
- High-grade sealing offers utmost resistance against cleaning agents and household chemicals (especially suited for creameries, cheese dairies)
- Unrivalled corrosion test results
- Protective coating of a complete assembly group, e.g., a tilt-turn gear: even the zinc die-cast components are sealed
- Containing no hexavalent chrome, the coating complies with EU environmental requirements
- High-class appearance
- Contract-related manufacture

faceGUard coating structure



Salt spray test results:
 max. 5 % white corrosion after 400 hours
 max. 5 % red corrosion after 1,500 hours

Ultra-strong defense against corrosion with faceGUard

Newly engineered surface coating
to withstand the most extreme conditions



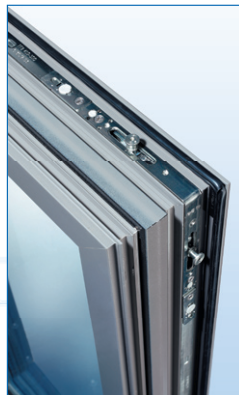
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G.U-BKS stands for functionality and longevity

Thanks to their unrivalled product range, the Gretsch-Unitas Group of Companies offers a multitude of fitting solutions for window and door systems. Using state-of-the-art materials and technologies to make the opening and closing of windows and doors even easier, more convenient and more secure and also to provide for their longevity are the challenges which the Group has successfully mastered.

As standard finish of our complete range of window fittings and steel door locks, the surface sealant ferGUard*silver has proved its value over many years. At the same time, the technically mature finish performs as primer for the new additional topcoat faceGUard which is applied optionally when it comes to especially demanding applications.



The benefits of ferGUard*silver

- Excellent corrosion protection proved by striking results achieved in the standardised salt spray test
- The test results far exceed those of the bichromated finish
- Deep and long-lasting sealing of all surfaces
- The modern, silvery hardware finish offers new creative possibilities
- Containing no hexavalent chrome, the coating complies with EU environmental requirements.

faceGUard: more than just a protective coating

In extreme atmospherical conditions, the corrosional attack on hardware coatings is more aggressive than in moderate climates or environments. Such extreme conditions exist in coastal areas, in heavy industrial areas, at agricultural production sites, in damp rooms, and at any location exposed to heavy weathering. Even timber containing tannic acid (e.g., oak), or impregnated with acetic acid has a corrosive effect on hardware. In all these cases, a special coating is required which successfully withstands corrosive influences, thus ensuring the longevity of windows and doors.

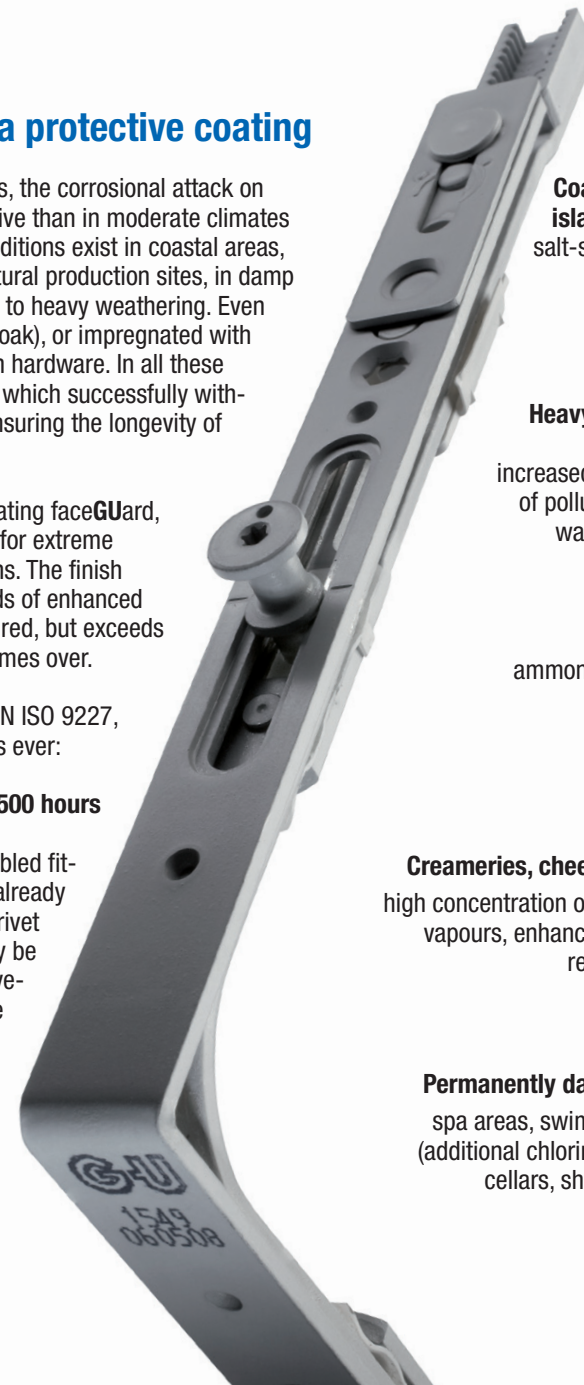
With the new ceramic high-tech coating faceGUard, a surface finish has been designed for extreme conditions requiring special solutions. The finish not only meets the demanding needs of enhanced corrosion protection wherever required, but exceeds EU and other specifications many times over.

In the salt spray test procedure to EN ISO 9227, faceGUard achieved the best results ever:

➤ **max. 5 % red corrosion after 1,500 hours**

faceGUard is sprayed on the assembled fitting components, each of which is already ferGUard*silver coated. Thus, even rivet points, where the basic coating may be affected mechanically during the riveting process, receive an appropriate final coating.

!INNOVATION
NEW & EXCLUSIVE AT G.U-BKS



Possible applications

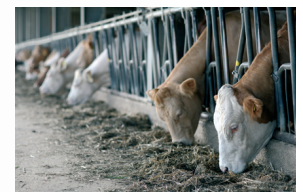
Coastal areas, islands, ships:
salt-saturated air



Heavy industrial areas:
increased proportion of pollutants in air, water and soil.



Stables:
ammoniac vapours



Creameries, cheese dairies:
high concentration of lactic acid vapours, enhanced hygienic requirements



Permanently damp rooms:
spa areas, swimming pools (additional chlorine vapours), cellars, shower rooms

