



HygieneGlaze - the new standard of hygiene

HygieneGlaze sets an unprecedented standard of hygiene for toilets and urinals. To that end the innovative HygieneGlaze ceramic glaze has been further developed and now has a new formula: the new HygieneGlaze which is baked into the ceramic during firing is not only especially effective, but also acts very quickly.

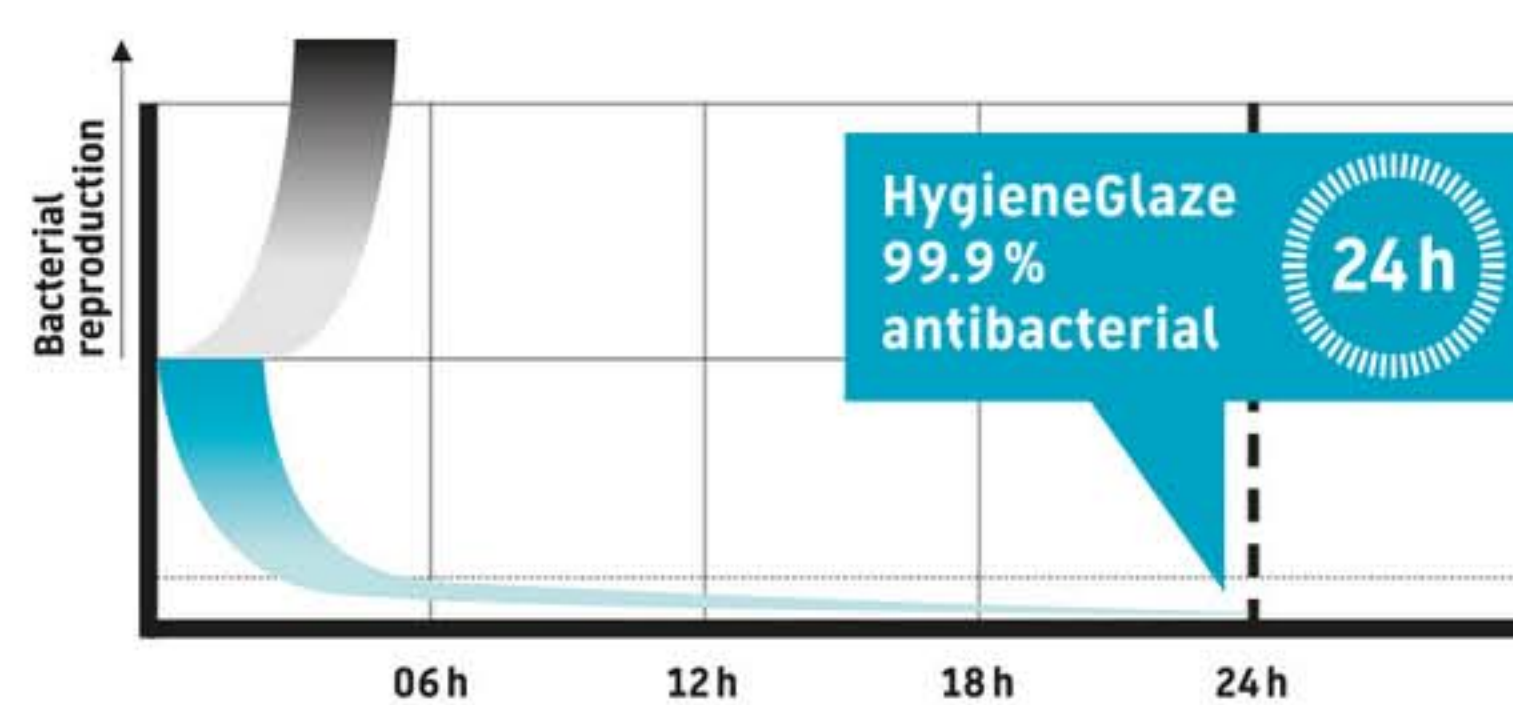
Whether at the workplace, sports facilities or airports, hygiene requirements are high in both public and semi-public buildings. This is why they are an essential part of the respective building concept. However, awareness of hygiene issues has not just increased in public areas but in the private sphere, too.

Bacteria in areas where hygiene is critical

Germes are omnipresent in our everyday lives. In particularly critical areas, such as hospitals, medical practices and nursing facilities, hygiene is an ongoing issue. The consistent use of disinfectant and hygiene measures helps to kill or inactivate microorganisms. Modern concepts combine the targeted use of sterilizing substances with preventive measures, including surface coatings. Duravit's research and development team has advanced the development of the innovative ceramic glaze HygieneGlaze which was launched on the ISH in 2015. HygieneGlaze further improves the hygienic properties of the toilet. The new development is not a surface coating but an antibacterial ceramic glaze that provides almost indefinite effectiveness.



The optimized formula of HygieneGlaze contains a new combination of metal ions and other active substances, which is particularly effective in blocking bacteria growth like E. coli, for example. Baked into the ceramics and extending from the interior to the rim of the toilet or urinal, HygieneGlaze is effective in the areas particularly susceptible to the accumulation of bacteria and germs. Compared with ceramics with conventional surface glazes, HygieneGlaze inhibits 99.9 percent of bacteria growth within 24 hours. The effectiveness of the HygieneGlaze antibacterial properties has been scientifically proven by hygienic and microbiological tests performed by the Institute for Hygiene and Public Health at the University of Bonn: the special glaze kills bacteria and germs.



After just six hours, 90% of bacteria (e.g. E.coli) and after 24 hours 99.9% of bacteria growth is inhibited, an unprecedented level. HygieneGlaze arrests the bacterial growth (e.g. escherichia coli) in comparison to a conventional ceramic glazing.