

Antimicrobial Schüco windows and handles

SmartActive is a new and lasting finish from Schüco for window systems and handles made of aluminium. The purely metallic microsilver that it used is nano-free and cannot penetrate the skin of humans. It provides the kind of long-lasting antimicrobial protection on frames and handles that is in demand particularly in clinics, care homes, kindergartens and public buildings.

Hygiene requirements are growing daily in the kind of publically accessible high-traffic buildings that are used for health, care, education or administration purposes, and they make it necessary to initiate preventative measures not only in the flu season. Multiresistant germs that don't respond to treatment by conventional medication can be found particularly in hospitals and care facilities. Window handles and frame surfaces in specific can harbour germs for a long time after contact by contaminated persons, and thus pass on infections to other people.

With SmartActive, Schüco offers a new antimicrobial surface finish for handles and frames of the Schüco AWS window system. The powder coating on profile surfaces and a select range of handles with the finishes anodised, powder-coated, stainless steel, and stainless-steel-look also contain the incorporated microsilver particles. Germs coming in contact with the surface die off and their further propagation is hindered. Within 24 hours a reduction in germs of at least 99.9 percent is achieved, even in cases of multiresistant bacteria. This protection is verifiable by microbiological testing.

Beneficial for all users is the fact that the ultrapure microsilver that is employed is purely metallic and nano-free, so it can't penetrate human skin. It is non-toxic, harmless to health, is used in medical products and is even certified for natural cosmetics. Compared to standard surfaces and handles from Schüco, with SmartActive there are no visible differences whatsoever. Additionally, working with it is identical to working with conventional Schüco metal construction systems.

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