



## Aly Design introduces new hygienic light switches – 99.9999% bacteria free!

BACTiglas™ antimicrobial coating of our light switches have unlimited applications for infection control not only in the professional healthcare environment such as hospitals and clinics but also for use in hotels or homes.

### So why do we apply the antibacterial coating to our light switches

Whether in the home or hospital, light switches represent an excellent infection transmission medium for all types of microbes. Given their constant and repetitive contact with different human hands, light switches retain manifest and release microbes every time they are touched.

Certain microbes are harmful to humans and if left unchecked will proliferate to cause infections and diseases. There is a particular need to control these in sensitive environments such as hospitals where acquired infections including MRSA can prove to be fatal.

Microbes can also be responsible for a wide range of undesirable effects such as product deterioration and discoloration, malodour and food contamination to name but a few.

Antimicrobial additives provide an extra layer of protection when combined with normal cleaning procedures.



### Why BACTiglas™ ?

Efficacy of BACTiglas™: ALY Printed Light Switches containing BACTiglas™ additive dispersions have been externally tested and proven to exhibit reductions in bacterial viable counts by as much as 99.9999% against controls.



### Key advantages & benefits of using BACTiglas™

- Reduction in spread of acquired infections in public & private environments
- Protection against cross contamination
- Increased product lifespan and durability
- Resistance to unsightly and unwanted biofilm build up

### How we test efficacy

We regularly submit sample light switches manufactured containing the BACTiglas™ additive for external testing and reports on the findings returned. The most commonly applied test method is the JIS Z 2801 although variations are available where appropriate. This test method is rapidly becoming the most widely used and recognized ISO approved test in the industry.

### Regulatory Status

The product is registered and the active ingredient is approved through the EFSA and FDA as suitable for food contact. It also carries European BPD and US EPA approvals.

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