

# **VARILIGHT Tarnishing Antimicrobial Copper Range**

## **Antimicrobial - Antiviral, Antibacterial and Antifungal**

VARILIGHT Antimicrobial Copper switches and sockets are antiviral.

In light of the current ongoing outbreak of Covid-19, we are highlighting the availability and effectiveness of our Antimicrobial Copper range of switches & sockets in protecting against viruses. Antimicrobial copper works alongside routine cleaning and sanitisation procedures to reduce the spread of infection, making this range ideal for healthcare and domestic environments. Research from the University of Southampton found that a coronavirus (in this case HuCoV-229E) died on copper surfaces within minutes compared to many days on some other surfaces\*. Germs die rapidly on copper, which keeps working 24/7, in between regular cleans.

Our tarnishing antimicrobial copper range is made from solid copper so this effect won't reduce overtime. Normal tarnishing or wear of antimicrobial copper surfaces will not impair the antiviral effectiveness of the product.

\* "On copper, and a range of copper alloys -- collectively termed 'antimicrobial copper' -- the coronavirus was rapidly inactivated (within a few minutes, for simulated fingertip contamination). Exposure to copper destroyed the virus completely and irreversibly, leading the researchers to conclude that antimicrobial copper surfaces could be employed in communal areas and at any mass gatherings to help reduce the spread of respiratory viruses and protect public health."

Excerpt from: Warnes SL, Little ZR, Keevil CW. 2015. Human coronavirus 229E remains infectious on common touch surface materials. *mBio* 6(6):e01697-15. doi:10.1128/mBio.01697-15.

## **Tarnishing**

Without regular cleaning every switch or socket from the VARILIGHT Cu29 Tarnishing Antimicrobial Copper range will age individually to create a unique style statement and will complement both vintage and contemporary interiors. To maintain the shiny appearance of VARILIGHT Cu29 Tarnishing Antimicrobial Copper, and for optimal antimicrobial efficacy, regular cleaning is required.

## **Antimicrobial Copper**

Antimicrobial copper works alongside routine cleaning and sanitisation procedures to reduce the spread of infection, making this range ideal for healthcare environments. Germs die rapidly on copper, which keeps working 24/7, in between regular cleans. Our Tarnishing Antimicrobial Copper range is made from solid copper so this effect won't reduce overtime. Normal tarnishing or wear of Antimicrobial Copper surfaces will not impair the antibacterial effectiveness of the product. An effective cleaning agent for use on antimicrobial copper product is citric acid. Apply a small amount to a clean polishing cloth and lightly wipe the affected area.