Antimicrobial Copper

Introducing a new category of
antimicrobial touch surface material

Antimicrobial
Copper

The mark of the most effective antimicrobial touch surfaces

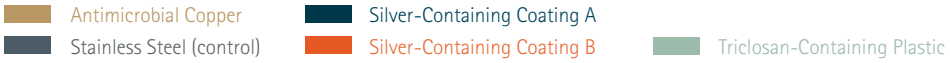
Wherever you find this mark, you can trust Antimicrobial Copper is continuously killing pathogenic microbes, reducing the risk of infection.

The mark is used by leading manufacturers of hospital equipment, furniture and fittings to indicate that their products contain Antimicrobial Copper, the world's most effective antimicrobial touch surface material.

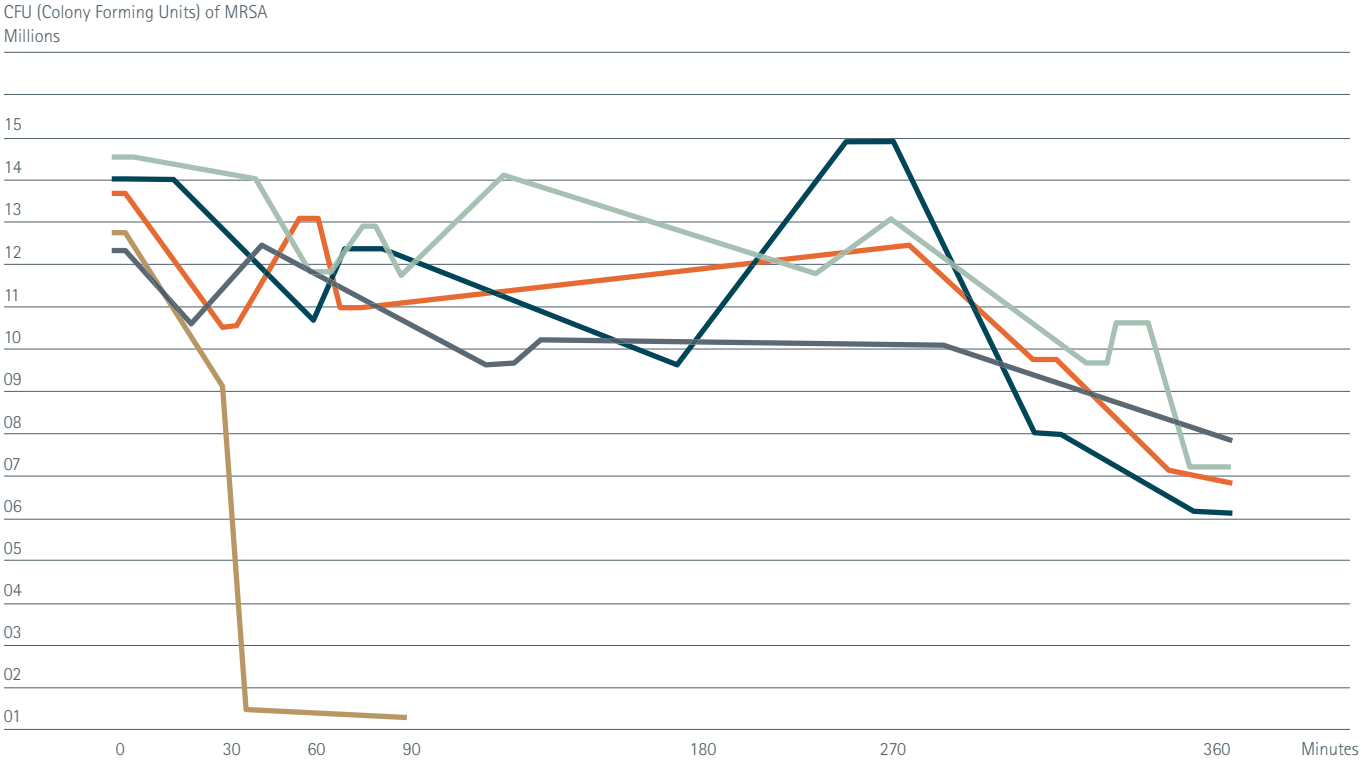
No other material comes close to Antimicrobial Copper

Antimicrobial effectiveness

Antimicrobial Copper is the most effective touch surface material, in the fight against pathogenic microbes, killing greater than 99.9% of bacteria* within 2 hours of exposure. No other material, such as silver-containing coatings, comes close.



Antimicrobial effectiveness under typical indoor conditions



 * See note on back cover

Three main characteristics make Antimicrobial Copper the most effective touch surface material:

Continuously kills microbes

- Efficacy as an antimicrobial is scientifically proven to be far greater than silver-containing coatings
- Proven to continuously kill the microbes that cause infections
- The only solid antimicrobial touch surface approved by US Environmental Protection Agency

Never wears out

- Continuous and ongoing antimicrobial action
- Remains effective even after repeated wet and dry abrasion and re-contamination
- Natural oxidation does not impair efficacy

Safe to use

- Not harmful to people or the environment
- Inherently antimicrobial, no chemicals added
- Completely recyclable

Every touch surface can be continuously killing microbes

It's a new way of thinking, a different mindset, to see the choice of touch surface material as one of the most important decisions in the fight against microbes that cause healthcare-associated infections.

Touch surfaces should be continuously killing microbes – day and night, between touches and between cleanings. Everywhere you look there are opportunities to upgrade stainless steel or plastic touch surfaces to Antimicrobial Copper.

By replacing fixtures, fittings and other touch surfaces with Antimicrobial Copper you can continuously kill pathogenic microbes , providing an additional weapon in the fight against healthcare-associated infections.

“In this day and age, you can’t afford not to use Antimicrobial Copper”

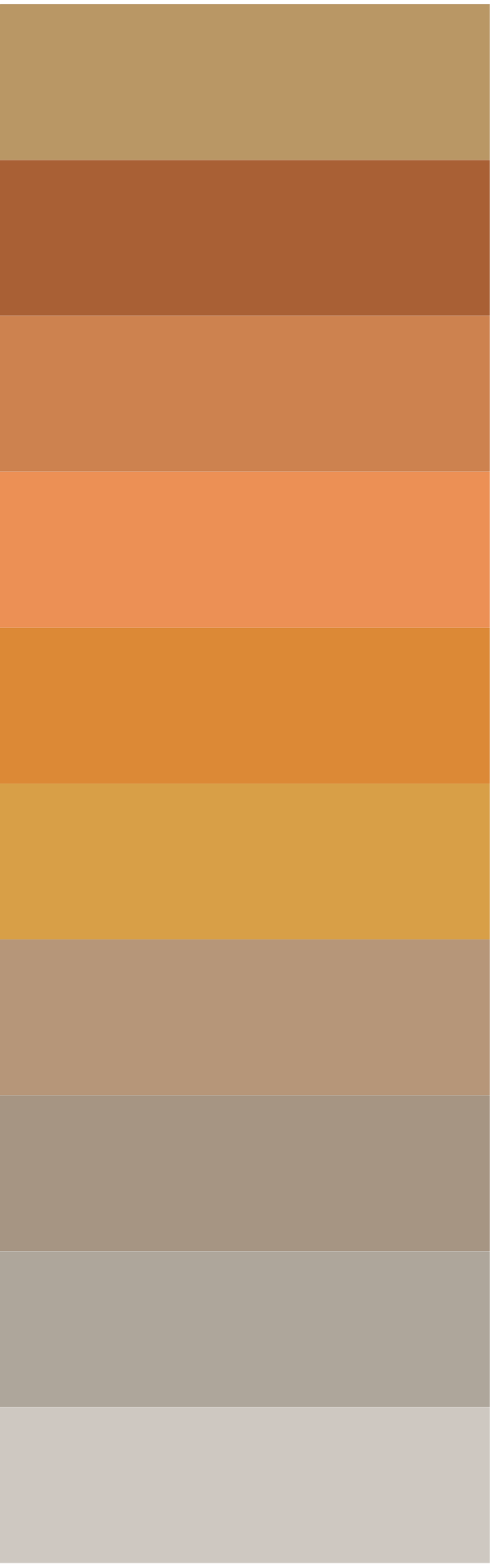
Pia Norup, MD
Denmark

Once you realise touch surfaces should be continuously killing microbes, Antimicrobial Copper is the clear choice.

By replacing and upgrading fixtures, fittings and other touch surfaces with Antimicrobial Copper options you will be continuously killing microbes that cause infections.

However, as infection control is a multifaceted challenge, Antimicrobial Copper needs to be seen as a supplement to, not a substitute for, standard infection control practices.

You must continue to follow all current practices, including those related to cleaning and disinfection of environmental surfaces.



Continuously killing microbes never looked so good

There are nearly 300 different Antimicrobial Copper alloys spanning a wide range of colours and surface textures.

This means there is certainly an Antimicrobial Copper option that fits in with your existing or desired future interior design.

Antimicrobial Copper alloy surfaces must not be waxed, painted, lacquered, varnished, or otherwise coated. The alloys oxidise to varying degrees, which does not impair their antimicrobial efficacy.

Not all antimicrobials get the same results

Antimicrobial Copper is the most effective touch surface material

Help accelerate the switch to Antimicrobial Copper

Locate product manufacturers that use Antimicrobial Copper

Host an information meeting

Join the Antimicrobial Copper mailing list

A lot of the equipment, fixtures and fittings hospitals use today can be replaced and upgraded with Antimicrobial Copper versions.

To browse product manufacturer profiles visit 'Find Products and Partners' at:
www.antimicrobialcopper.com/uk

Help spread the word at your workplace or industry event by inviting an expert to present and discuss Antimicrobial Copper. Events of all sizes are welcome.

To request an expert for an event email:
bryony.samuel@copperdev.co.uk

Receive periodic emails covering breaking news, research findings, upcoming events and more.

To subscribe, visit www.copperinfo.co.uk/antimicrobial/interest-group.shtml or send an email to:
bryony.samuel@copperdev.co.uk

Note

Peer reviewed scientific publications show Antimicrobial Copper to be effective against bacteria, viruses, fungi and moulds, including MRSA, Influenza A (H1N1), *Clostridium difficile* and VRE. Laboratory testing shows that, when cleaned regularly, Antimicrobial Copper kills greater than 99.9% of the following bacteria within 2 hours of exposure: MRSA, *Staphylococcus aureus, Enterobacter aerogenes, Pseudomonas aeruginosa, E. coli* O157:H7. and *Vancomycin-resistant Enterococcus faecalis.*

Further work[1] has demonstrated that Antimicrobial Copper outperforms two commercially available silver-containing coatings under typical indoor conditions.

A study[2] on a busy medical ward at Selly Oak Hospital showed a 90-100% reduction in contamination on Antimicrobial Copper surfaces compared to surfaces made of conventional materials. Trials in the US and Chile confirm these results. Antimicrobial Copper surfaces are a supplement to, and not a substitute for, standard infection control practices and have been shown to reduce microbial contamination.

[1] Effects of temperature and humidity on the efficacy of methicillin-resistant Staphylococcus aureus challenged antimicrobial materials containing silver and copper. H T Michels, J O Noyce and C W Keevil, Letters in Applied Microbiology, 49 (2009) 191–195.

[2] Role of copper in reducing hospital environment contamination. A L Casey, D Adams, T J Karpanen, P A Lambert, B D Cookson, P Nightingale, L Miruszenko, R Shillam, P Christian and T S J Elliott, J Hosp Infect (2009).

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Copper Development Association
5 Grovelands Business Centre
Boundary Way
Hemel Hempstead, HP2 7TE
UK

www.copperinfo.co.uk
helpline@copperdev.co.uk

www.antimicrobialcopper.com

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