

# Bacteria resistance test

easy-on MATERIALS TESTING



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Tests by scientists at Sheffield Hallam University have proven that easy-on, an infection control coating, allows bacteria to be completely wiped off surfaces, helping prevent the spread of hospital acquired infections (HAIs) such as MRSA and new superbug *Clostridium difficile*.

The varnish-style solution is also a cost-cutter for hospitals because its bacteria-resistant effects last up to twenty years, regardless of how many times the coated surface is cleaned.

Experts in the University's Biomedical Research Centre (BMRC) measured the number of bacteria that survived cleaning with a detergent, on surfaces such as wood and metal, which had been coated with easy-on. One hundred per cent of bacteria were removed from surfaces protected with easy-on, but all seven species tested survived on surfaces that had been coated with acrylic paint, and more than half lingered on areas coated with emulsion paint.

The bacteria tested included *Bacillus cereus* and *Salmonella enterica*, which cause food poisoning, *Staphylococcus Aureus* a common skin organism, and *Klebsiella* and *Pseudomonas*, common causes of HAIs.

Tested by:

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Urban Hygiene Test procedures