

## Antimicrobial performance report 1847 - Just Pudding Basins

Evaluation of the antimicrobial performance of samples containing SteriTouch® additives.

All testing is conducted by an independent laboratory using the JIS Z 2801:2000 test method.

### Introduction

This report details the analysis carried out on the test samples, including an overview of the test method, the test results, an interpretation of those results and copies of the associated laboratory certificates.

### Test Samples

Where possible, all test materials are taken from samples of the actual product. Samples typically measure 50mm x 50mm, as specified by the JIS Z 2801:2000 method, although where this is impractical it is permissible to use smaller samples with the method being modified accordingly.

Control:	Untreated polyethylene film	
Test Samples:	51720B	Puddng bowl with 1% ST10217
	51720C	Puddng bowl with 2% ST10217

### Test Method

The samples were tested according to the JIS Z 2801:2000 method, briefly summarised as follows;

Each test sample was inoculated with a suspension of the test organism (for example, MRSA). The inoculum was held in contact with the test sample using a sterile polyethylene film. All test samples were inoculated in triplicate, with an additional three replicates of the control.

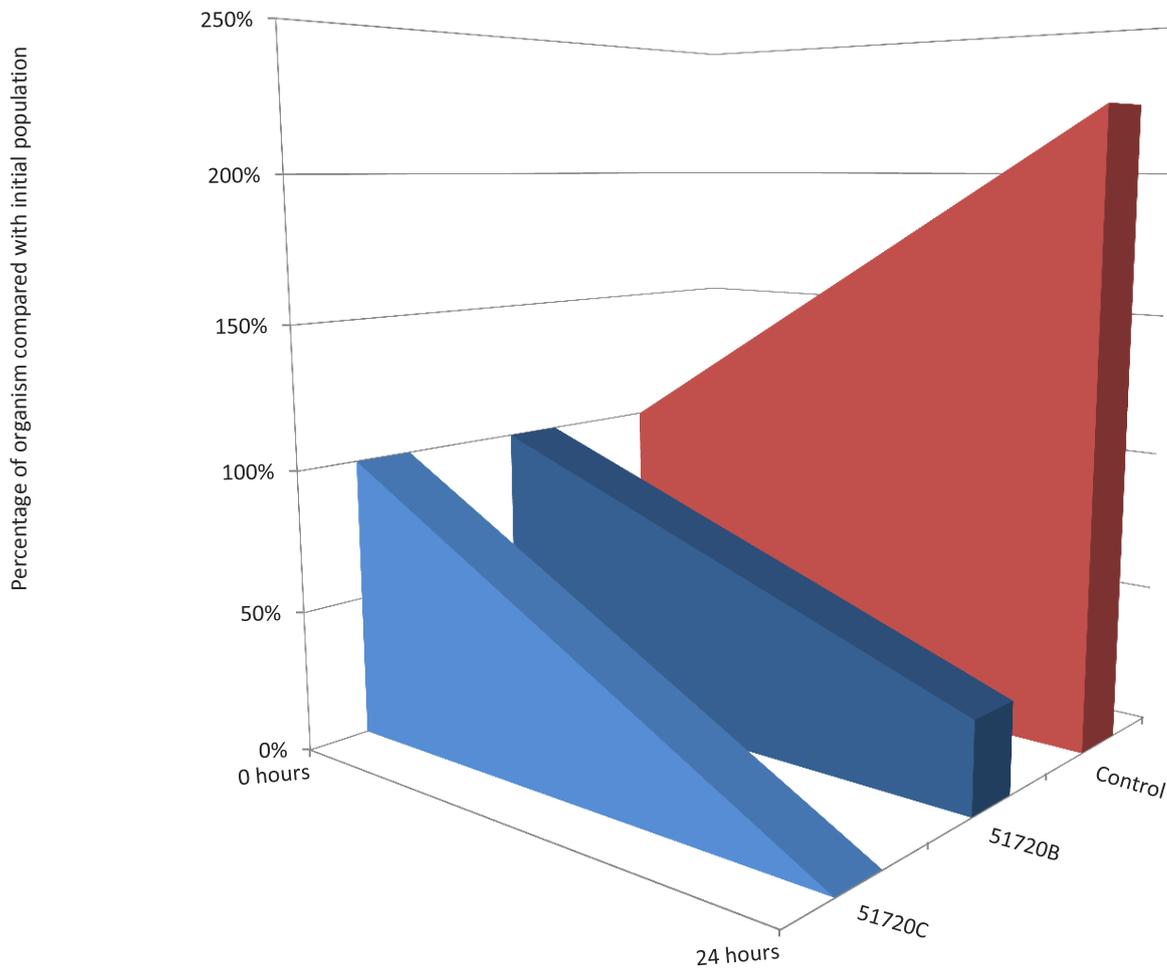
The bacterial population on three control replicates was evaluated immediately following inoculation. This was assumed to be the initial population on all test samples (i.e. the population at zero hours).

The remaining samples were incubated for the test period (6 hours and 24 hours) at 25 °C, at which time the bacterial population was evaluated.

## Results - MRSA

The following table and graph illustrate the results for MRSA.

Test conducted at 35°C		Number of CFU		% change compared with initial inoculum
Sample		0 Hours	24 Hours	
Control		130000	290000	123% growth
51720B	Puddng bowl with 1% ST10217	130000	42000	68% reduction
51720C	Puddng bowl with 2% ST10217	130000	30	99.98% reduction



## Results - E. Coli

The following table and graph illustrate the test results for E. Coli

Test conducted at 35°C		Number of CFU		% change compared with initial inoculum
Sample		0 Hours	24 Hours	
Control		160000	15000000	9275% growth
51720B	Puddng bowl with 1% ST10217	160000	120000	25.0% reduction
51720C	Puddng bowl with 2% ST10217	160000	6800	96% reduction

