

We've Been Saying That BioClad Reduces Bacteria By up to 99.9%, Now Here's The Proof!

Independent Test on BioClad in Care Home Show 0% Bacteria



BioClad in Kitchens

Recent tests have demonstrated that BioClad continues to be effective in this hygiene critical, real-world environment after installation and can even reduce bacteria levels to 0.

Microbiologists undertook tests at a UK Care Home where the kitchen was tested for bacteria levels on 35 separate areas ranging from door handles to ceiling tiles. The swabs taken from the antimicrobial hygienic wall cladding - BioClad, yielded a zero bacteria count.

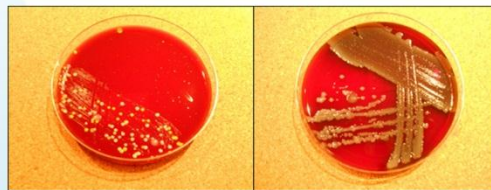


Fig 2. Bacteria Samples

BioClad contains silver ions to create antibacterial protection, this alters the DNA of bacteria and inhibits its ability to replicate. BioClad has previously been tested in laboratory conditions and been found to be effective against MRSA, E.Coli, Salmonella and Influenza A H1N1.

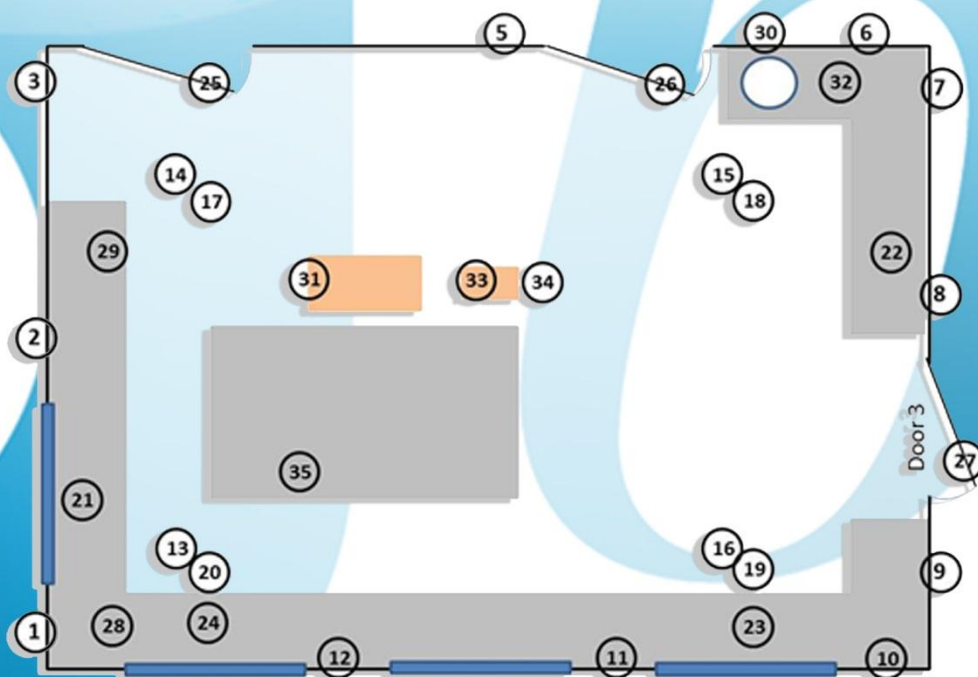


Fig 1. Test Positions



Swab N°	Kitchen surface swabbed	Bacterial count	Bacterial diversity	Presumptive bacterial identification
1	BioClad® wall cladding position 1 north wall	0	-	-
2	BioClad® wall cladding position 2 north wall	0	-	-
3	BioClad® wall cladding position 3 north wall	0	-	-
4	BioClad® wall cladding position 1 east wall	0	-	-
5	BioClad® wall cladding position 2 east wall	0	-	-
6	BioClad® wall cladding position 3 east wall	0	-	-
7	BioClad® wall cladding position 1 south wall	0	-	-
8	BioClad® wall cladding position 2 south wall	0	-	-
9	BioClad® wall cladding position 3 south wall	0	-	-
10	BioClad® wall cladding position 1 west wall	0	-	-
11	BioClad® wall cladding position 2 west wall	0	-	-
12	BioClad® wall cladding position 3 west wall	0	-	-
13	Rubberised flooring 1	51	4 different colony types	CNS, Bacillus, 2 unidentified species
14	Rubberised flooring 2	12	1 colony type	Unidentified species
15	Rubberised flooring 3	83	6 different colony types	CNS x2, Bacillus, coliform-like, 2
16	Rubberised flooring 4	107	4 different colony types	CPS, CNS x2, 1 unidentified species
17	Suspended plastic ceiling tile 1	8	2 different colony types	Unidentified species
18	Suspended plastic ceiling tile 2	1	1 colony type	Unidentified species
19	Suspended plastic ceiling tile 3	3	1 colony type	Bacillus
20	Suspended plastic ceiling tile 4	0	-	-
21	Stainless steel work surface 1	17	2 different colony types	CNS, unidentified species
22	Stainless steel work surface 2	3	2 different colony types	CNS, unidentified species
23	Stainless steel work surface 3	10	3 different colony types	Bacillus, fungus, unidentified species
24	Stainless steel work surface 4	1	1 colony type	Bacillus
25	Stainless steel handle, door 1	16	3 different colony types	CNS x2, unidentified species
26	Stainless steel handle, door 2	2	2 different colony types	CNS x2
27	Stainless steel handle, door 3	237	>6 different colony types	CPS, Pseudomonas, CNS x2, fungus, >2 unidentified species
28	Grilling machine plastic handle	14	3 different colony types	CNS x2, unidentified species
29	Water heater dispensing plastic handle	60	4 different colony types	CPS, CNS x2, 1 unidentified species
30	Liquid hand soap dispenser plastic casing	9	2 different colony types	CNS x2
31	Food warning trolley plastic handle	31	4 different colony types	CNS, Bacillus, 2 unidentified species
32	Waste collection unit casing	>1000	>4 different colony types	Pseudomonas, >3 unidentified species
33	Plastic refuse bin lid	28	3 different colony types	CPS, CNS, unidentified species
34	Plastic refuse bin pedal	375	>6 different colony types	CNS x3, Bacillus, fungus, >1 unidentified species
35	Plastic oven handle	2	1 colony type	CNS

Go to www.cladding.co.uk/case-studies for further details