

SANAFOR[®] Service Report

Customer	ABB Elektropraga
Report no.	2019/007
Internal ref.	J284
Report date	March 20 th , 2019

1. Sample details

Date received	February 22 nd , 2019
Description	PC electrical switches
Control	0% SANAFOR [®] EBA-S20, untreated control
Sample 1	1% SANAFOR [®] EBA-S20



2. Test method(s)

- » ISO 22196: antibacterial performance against *Escherichia coli* and *Staphylococcus aureus*



3. Results

a. Antibacterial performance (*E. coli*)

Sample ID	Bacterial count (CFU/cm ²)		Log reduction	% reduction
	t = 0h	t = 24h		
Control	1.4E+04	6.5E+05	-1.66	0.00
Sample 1	1.4E+04	<1.00	≥5.81*	≥99.99*

* Reduction calculated versus internal control at t=24h

b. Antibacterial performance (*S. aureus*)

Sample ID	Bacterial count (CFU/cm ²)		Log reduction	% reduction
	t = 0h	t = 24h		
Control	1.9E+04	2.5E+03	0.86	86.33
Sample 1	1.9E+04	<1.00	≥3.40*	≥99.96*

* Reduction calculated versus control at t=24h

4. Conclusion

The antibacterial test ISO 22196 reveals excellent performance on the SANAFOR-treated sample (full bacterial control), both against *Staphylococcus aureus* and *Escherichia coli*.

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