

CERTIFICATE OF ANTIBACTERIAL ANALYSIS

CERTIFICATE NO.	BC158/2020	DATE RECEIVED	04.12.2020
CUSTOMER	AKZONOBEL	DATE ANALYSED	08.12.2020
CUSTOMER REF.	200/1106-1107	DATE REPORTED	11.12.2020
MANUFACTURER	CHINA		
SAMPLE COMMENT	LWR POW_354625/ LWR POW_354635		
UNITS OF RESULTS	Colony Forming Units	NO. OF PAGES	1 of 1


METHOD OF ANALYSIS: DETERMINATION OF ANTIBACTERIAL ACTIVITY USING ISO 22196: 2011

SAMPLE	TEST ORGANISM	CONTACT TIME		REDUCTION (INITIAL)	
		0 HRS	24 HRS	Log ₁₀	%
LWR POW_354625. O 31677 F 3 J N. INTERPON 600AM. BLACK FINE TEXTURE POWDER COATING	MRSA	1.01E+05	≤100	≥3.01	≥99.90%
LWR POW_354625. O 31677 F 3 J N. INTERPON 600AM. BLACK FINE TEXTURE POWDER COATING	<i>E. coli</i>	5.53E+04	≤100	≥2.74	≥99.82%
LWR POW_354635. O 31703 S 0 J L. INTERPON 600AM. GREY GLOSS POWDER COATING	MRSA	1.01E+05	≤100	≥3.01	≥99.90%
LWR POW_354635. O 31703 S 0 J L. INTERPON 600AM. GREY GLOSS POWDER COATING	<i>E. coli</i>	5.53E+04	≤100	≥2.74	≥99.82%

The above data describe the difference in the population sizes of the test organisms, relative to the initial (0 hours) population, following contact with the surface of the samples detailed in this CoA for 24 hours at 35°C under a RH of >90%. These conditions are those specified by the ISO 22196: 2011 method of analysis.

Comment: The samples LWR POW_354625. O 31677 F 3 J N. INTERPON 600AM. BLACK FINE TEXTURE POWDER COATING and LWR POW_354635. O 31703 S 0 J L. INTERPON 600AM. GREY GLOSS POWDER COATING have achieved the BioCote minimum antibacterial performance requirement of 95% "Reduction against the initial for *E. coli* and MRSA" according to ISO 22196: 2011 analysis.

FOR BIOCOTE LTD



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