

Certificate of Analysis

Customer: Schattdecor, Italy
Certificate Number: 90/SCH 0002
Date of testing: 14 08 2015

Test Method: Determination of Antibacterial Activity using Test Based on ISO22196: 2011

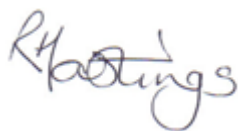
Sample	Test Bacterium	Number of bacteria		Red ⁿ against Initial		Red ⁿ against Control	
		0 Hrs	24 Hrs	Log ₁₀	%	Log ₁₀	%
Schattdecor, Italy. Laminate sample with antimicrobial BioCote additive B65003	MRSA	1.00E +04	<11.11	>2.95	>99.88%	>2.76	>99.82%
	<i>E.coli</i>	7.00E +04	<11.11	>3.79	>99.98%	>4.04	>99.99%
Untreated (control) laminate material	MRSA	1.00E +04	6.50E +03	>0.18	>35.00%	N/A	N/A
	<i>E.coli</i>	7.00E +04	1.24E +05	>-0.24	Growth	N/A	N/A

All samples included in this Certificate of Analysis were artificially aged prior to testing by continuous exposure to 85°C dry heat for 15 days. The parameter of 'Reduction (of test bacteria) against Control' allows the antibacterial activity of treated laminates to be attributed to the presence of the active ingredient (Ag⁺).

STATEMENT OF EFFICACY LONGEVITY: The Ag⁺ additive will continue to provide a highly efficacious antibacterial property to the treated laminates for a period of product usage of greater than five (5) years as determined by the extensive artificial aging of the laminates prior to testing.



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