



[Roble Vainilla Jazz]



ANTIBACTERIAL

The growing demand for products that prevent the development of germs, harmful to health, has led us to work in the research field, looking for materials that can meet these requirements.

As a result of this work, FINSA has developed its own Antibacterial Roble Jazz Series.

CERTIFICATION

IMSL
INDUSTRIAL MICROBIOLOGICAL SERVICES LTD

Industrial Microbiological Services (UK)

www.imsl-uk.com

Determination of antibacterial activity by using ISO 22196: 2011

CERTIFICATE NO. 1023308.1B

This product has been certified by an external laboratory, the IMSL (Industrial Microbiological Services) from the UK, following the procedure outlined by Standard ISO 22196:2011, that our Jazz Oak Series offers features that inhibit the growth and development of bacteria without harming the coating characteristics.

Tested with the following bacteria:

- S. aureus, which can generate a large variety of diseases, ranging from skin and mucous infections, to life-threatening diseases such as meningitis, pneumonia, or skin infections.
- E. coli, which can cause diarrhoea and intestinal problems.

CERTIFICATE OF ANALYSIS**CERTIFICATE NO.** 1023308.1C**CUSTOMER**Finsa Santiago
Carretera N-550 Km 57
Apartado de Correos 127
15890
Santiago de Compostela (A Coruña)
Spain**CUSTOMER REF.****SAMPLE DETAILS**

Laminate Wood Samples

DATE RECEIVED 10-Dec-13**METHOD: (Determination of Antibacterial Activity using ISO 22196: 2011)****DATE ANALYSED** 11-Dec-13**DATE REPORTED** 16-Dec-13**RESULTS (AS CFU CM -2)**

SAMPLE		CONTACT TIME		LOG REDUCTION	% DIFFERENCE
		0	24		
Polypropylene	<i>E. coli</i>	1.7E+04	1.9E+05	-	-
Fimaplast Blanco	<i>E. coli</i>	1.7E+04	≤ 1.0	≥ 4.2	≥ 99.99%
Fimaplast Uniclor	<i>E. coli</i>	1.7E+04	≤ 1.0	≥ 4.2	≥ 99.99%
Fimaplast Diseno	<i>E. coli</i>	1.7E+04	≤ 1.0	≥ 4.2	≥ 99.99%
Polypropylene	<i>S aureus</i>	2.0E+04	1.5E+04	-	-
Fimaplast Blanco	<i>S aureus</i>	2.0E+04	≤ 1.0	≥ 4.3	≥ 99.99%
Fimaplast Uniclor	<i>S aureus</i>	2.0E+04	≤ 1.0	≥ 4.3	≥ 99.99%
Fimaplast Diseno	<i>S aureus</i>	2.0E+04	≤ 1.0	≥ 4.3	≥ 99.99%

The above data shows the difference in the population following contact with the surface of the samples listed for 24 hours at 35°C under a RH of > 95% relative to the initial population.

NS = Poor survival on control supplied.

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