

HD ONE

Premium Surface Solution



- Finely textured wood grains from various kinds of tree species
- Realistic printability with cutting-edge designs
- Pre-finished surface for enhanced durability and performance
- Processability and simple installation of sheet material

NEW TECHNOLOGY!



(The image is for illustration purposes only)

What is Anti-Bacterial Finish?

Safe and reliable antibacterial effect based on international standards

- ✓ Agent type: Inorganic antibacterial agent
- ✓ Processing method: Application to the surface coating layer by gravure printing
- ✓ Processing area: Top coat layer on the sheet surface
- ✓ The sales territories : Limited to Asia, Oceania, and Middle East due to the regulation of EPA and BPR

Registration number : JP0122378X0003H



The proportion of bacteria on the surface of the product is 1/100 or less of that on the surface of a non-treated product, and the antimicrobial effect remains after durability tests. Antimicrobial properties are determined from the results of tests conducted in accordance with the ISO 22196 international standard.

Anti Microbial Test (Anti microbial activity value >2 based on JIS TEST)

- JIS Z 2801: The subject is exposed under SWOM for 8H as pre-treatment instructed by SIAA.
- ISO22916: Certificated in 2007, and has the same test method as JIS standard

Staphylococcus aureus (Viable count 4.9×10^5 /ml)	Log	Anti Microbial Value	Escherichia coli (Viable count 7.4×10^5 /ml)	Log	Anti Microbial Value
Non-anti microbial after vaccination	4.03	-	Non-anti microbial after vaccination	4.13	-
Non-anti microbial after 24H	4.01	-	Non-anti microbial after 24H	5.99	-
Anti microbial after 24H	<-0.20	4.2	Anti microbial after 24H	<-0.20	6.1

*Source : BOKEN QUALITY EVALUATION INSTITUTE

*Test Report No.: JNLA2020K0114







抗菌加工

Anti-Bacterial

Registration number : JP0122378X0003H

[SIAA]

The Society of International sustaining growth for Antimicrobial Articles (SIAA) is an organization of manufacturers and testing institutions for the popularization of appropriate and secure treated Antibacterial/Antifungal products.

[KOHKIN]

Inhibiting bacteria for a long period is referred to as Antibacterial. It is distinguished from pasteurization and eradication, which temporarily kills and eliminates bacteria.

The Certificate for Antimicrobial Articles



ISO22196 : 2007 specifies a method of evaluating the antibacterial activity of anti-bacterial - treated products.

We certify that the following antimicrobial products have been registered voluntarily with SIAA.

Name of Company : **TOPPAN PRINTING CO., LTD.**
(Member Number 2378)

Date of Registration	19 June 2020
Registration Number	JP0122378X0003H
Products	Product Name : Printed Decorative Film with Anti-bacterial Finish 200616A Treatment Portion : Top coat layer printed surface

Society of International sustaining growth for Antimicrobial Articles (SIAA)

Date of Issue: 1 July 2020



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抗菌制品登记证明书

凸版印刷株式会社 殿

(会员编号: 2378)

兹证明贵公司为本协会会员, 贵公司下列抗菌制品已在本协会登记备案。

記

登记时间	2020年6月19日
登记号码	JP0122378X0003H
登记抗菌制品	抗菌标准装饰膜 200616A 表层印刷面

抗菌制品技术协议会

Society of International sustaining growth for Antimicrobial Articles (SIAA)

证书发行日 2020年7月1日



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