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Koroseal Interior Products, LLC

MICROBIOLOGICAL TEST REPORT

SCOPE OF WORK
ASTM G22 –2023: STANDARD PRACTICE FOR DETERMINING RESISTANCE OF PLASTICS TO BACTERIA (PROCEDURE A)

PRODUCT
DIGITALLY PRINTED WALL PROTECTION

LABORATORY REPORT NUMBER
106632017COL-001

ISSUE DATE
07/30/2026

TESTING FACILITY
Intertek Columbus Microbiology Laboratory
1717 Arlingate Ln.
Columbus, OH 43228

DOCUMENT CONTROL NUMBER
Micro-RTTDS-AMER-Test-1105
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MICROBIOLOGICAL TEST REPORT

SECTION 1 REPORT

TEST METHOD	**ASTM G22 –2023: Standard Practice for Determining Resistance of Plastics to Bacteria (Procedure A)**
CLIENT	Koroseal Interior Products, LLC 7929 National Turnpike Louisville KY 40214 USA
LABORATORY PROJECT No.	G106632017
LABORATORY REPORT No.	106632017COL-001
DATES TESTED	07/08/2026- 07/29/2026
REPORT DATE	07/29/2026

SECTION 2 TEST SAMPLE

DESCRIPTION	Digitally printed wall protection
MODEL(S)	Not provided
ACQUISITION METHOD	Sample shipped by the client to test facility
ARRIVAL DATE	06/30/2026
SAMPLE ID	COL2606301044-001
CONDITION	Not provided
SAMPLE PHOTO	The sample has two surfaces, designated **Side A** and **Side B**, as shown in the photographs below. These designations are used throughout the Test Results section.

Photo 1 - Side A:



Photo 2 - Side B:



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SECTION 3 CHALLENGE MICROORGANISMS

Organism	ATCC Number	Source
Pseudomonas aeruginosa	13388	ATCC

SECTION 4 TEST SUMMARY

The purpose of this test method is to evaluate the resistance of the plastics and additives, such as plasticizers, lubricants, and colorants, to microbial attack. The test specimens are inoculated with bacteria and then incubated under favorable microbial growth conditions. The test specimens are examined and rated for visual growth once the incubation period is complete.

For Procedure A, growth will occur beneath susceptible samples on the agar surface. This is the surface that is evaluated and provided with a growth rating in the results section below.

The effects on physical, optical, and electrical properties were not evaluated.

No deviations to the standardized method.

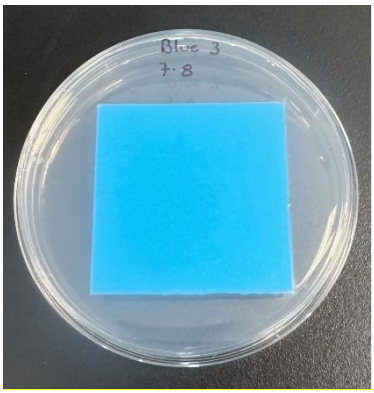
SECTION 5 TEST RESULTS

Test specimen	Replicate Number	Description of Bacterial Growth
Digitally printed wall protection (Side A)	1	No bacterial growth under or around the test specimen.
	2	No bacterial growth under or around the test specimen.
	3	No bacterial growth under or around the test specimen.
Digitally printed wall protection (Side B)	1	No bacterial growth under or around the test specimen.
	2	No bacterial growth under or around the test specimen.
	3	No bacterial growth under or around the test specimen.

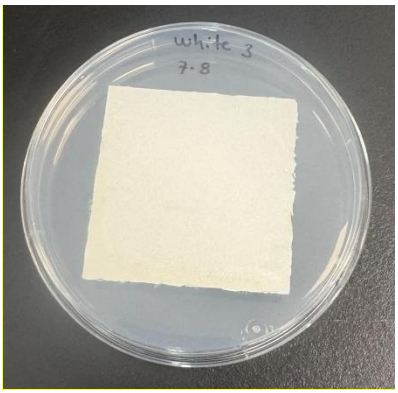
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SECTION 6 PHOTOS



Picture 1. Digitally printed wall protection (Side A) after 21 days of incubation.



Picture 2. Digitally printed wall protection (Side B) after 21 days of incubation.

Test Performed by:

Gerardo Cortés
Microbiologist

Reviewed by:

Rafael Menchu
Senior Microbiologist