

LAB LOCATION: VIETNAM
REPORT NUMBER: EFUZZ25102005-CG-01

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Copy To:	-

<u>OVERALL RATING</u>	
PASS	X
FAIL	-
DATA	-

Sample Information			
Sample Description	Wood panel Sample Colour Code: MTC-108		
	Product used: 1. PU-3-2022-(1)-MTC-108 2. T-331 3. HD-BGL 4. PU-3-2022-(2)-MTC-108 5. WBG-601-HI-MTC-108 6. ST-MTC-108 7. PU-1-386-MT 8. SHST-(1)-MTC-108 9. T-SHX1 10. HD-SHX 11. PU-2-7314-MT: 10% 12. T-331-SCPF		
Style Number	Eucalyptus		
SKU	-		
Vendor Name	MINHTIEN IMPORT EXPORT PRODUCTION AND TRADE JOINT STOCK		
Vendor Style Number	-		
Phase of production	-		
Quantity	-	PO Number	-
Buyer's Name	-	Manufacturer	POLY-POXY COATINGS VIET NAM CO., LTD
Country of Origin	-	Country of Destination	-
Code Number	-	Date of Production	12/10/2025
Reference item/ style number	-	Color	MTC-108
Date of Submission	Oct. 15, 2025	Test Performance Dates	Oct. 15, 2025
Testing Status			
Pre-Shipment Lead Test	☐	Test for Protocol	-
Retest	☐	Previous Report No.: -	

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Sample Photos



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For and on behalf of
Eurofins Consumer Product Testing Vietnam Co. Ltd.

HARRY VU
HARDLINES LAB. ASSISTANT MANAGER

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EXECUTIVE SUMMARY:

TESTING RESULT SUMMARY				
Test Property	PASS	FAIL	DATA	COMMENTS
Lead (Pb) Content in Paint and Similar Surface Coatings	X	-	-	-
Stain Resistance	X	-	-	-
Hot and Cold test	X	-	-	-
Coatings Adhesion test.	X	-	-	-
Colorfastness to Light	-	-	X	-

COMPONENT BREAKDOWN LIST:

Component No.	Material	Color	Sample Location
Sample (A)			
A1	Coating	Grey	Grey coating on wood (Color panel – MTC 108)

TEST RESULT(S):

1. Lead (Pb) Content in Paint and Similar Surface Coatings

Regulation: 16 CFR 1303 and U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), Title I, Section 101

Test Method: CPSC-CH-E1003-09.1: 2011

Tested item(s)	CAS No.	Reporting Limit (mg/kg)	Limit (mg/kg)	Test result(s) (mg/kg)
				A1
Lead (Pb)	7439-92-1	5	90	ND
CONCLUSION				PASS

Note: ND = not detected, the result is less than reporting limit
mg/kg = milligram per kilogram

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2. Client's Requirement

TEST ITEM	TEST METHOD	TEST REQUIREMENT	RESULT
Stain Resistance	ERF -HLITM - 0021	Customer Method and Requirements: - Expose the specimen for 2 hours to the following contaminated materials: Ketchup, mustard, spaghetti sauce, coffee. grape juice. malt vinegar. BBQ sauce. cooking oil. red wine. - Clean appropriately (dishwasher or hand wash). Leave for 24 hours. - Requirement: No visible stains or soiling after testing. Report the washing method.	Pass No visible stains or soiling after testing hard washing (See exhibit photos)
Hot and Cold test	ERF -HLITM - 0018	Shall withstand for 24 hours at 0°F and then 24 hours at 120°F with no structural failure or visual change	Pass No structural failure and visual changes (See exhibit photos)
Coatings Adhesion test.	ASTM D3359-23	Use a suitable blade to cut the sample according to Hatch-Cut method or X-Cut method to obtain the grid. (Test method depends on coating thickness and surface flatness.) Use masking tape applied to grid and remove to see if plating/finish remains intact Coated items (plating, paint, powder coating, or other surface finish) shall be rated per the scale specified in the standard when tested as appropriate. Cut coating as specified, apply tape to cuts, then remove tape and examine for removal of coating from substrate. Photograph if any plating / finish is removed. Select cutting method as follows: - Use X-cut method for all coatings on non-flat surfaces, and all coatings over 5 mils (125 µm) thick. - Use 6-tooth hatch-cut method for all coatings from 2 mils (50 µm) to 5 mils thick on flat surfaces and the cutting distance should be 2mm. - Use 11-tooth hatch-cut method for coatings up to 2 mils thick on flat surfaces and the cutting distance should be 1mm Requirement: Min Grade 4A Modification: Expand scope to include testing on curved surface and all kind of base materials.	Pass Grade: 4A (See exhibit photos)

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Xenon-Arc Lamp Method, AATCC Gray Scale

Result

20 hours

4.5

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COLORFASTNESS RATING:

Grade 5	Negligible/No Change Or Staining
Grade 4	Slight Change Or Staining
Grade 3	Moderate Change Or Staining
Grade 2	Severe Change Or Staining
Grade 1	Complete Change Or Staining

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EXHIBIT(S):

Exhibit 1. Hot and Cold – Before test



Exhibit 2. Hot and Cold – After test



Exhibit 3. Stain resistance – Before test



Exhibit 4. Stain resistance – After test



Exhibit 5. Coating Adhesion



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The test results are considered as conform to specification based on the general consideration simple acceptance as stated in ISO/IEC GUIDE 98-4:2012.

If there is question or concern regarding the above results, please contact the appropriate lab person below:

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