

September 02, 2020

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CANADA

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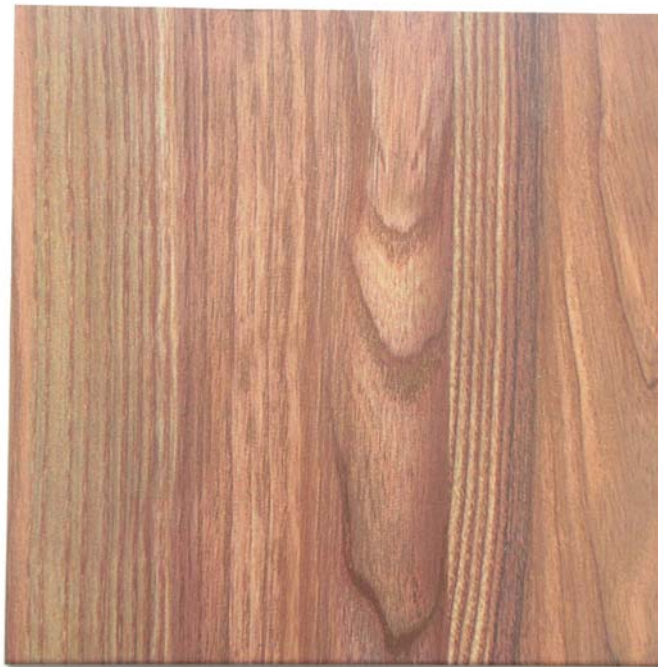
**TEST REPORT # MI-20-12185-1A**

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On August 27<sup>th</sup> 2020, Micom Laboratories Inc. received a sample to perform Surface Finish Tests.

**SAMPLES DESCRIPTION:**

- Sample 1 : 1 x Aluminum panel specimen, 10" x 10", ACM



*Sample 1*

**REFERENCE TEST METHODS:**

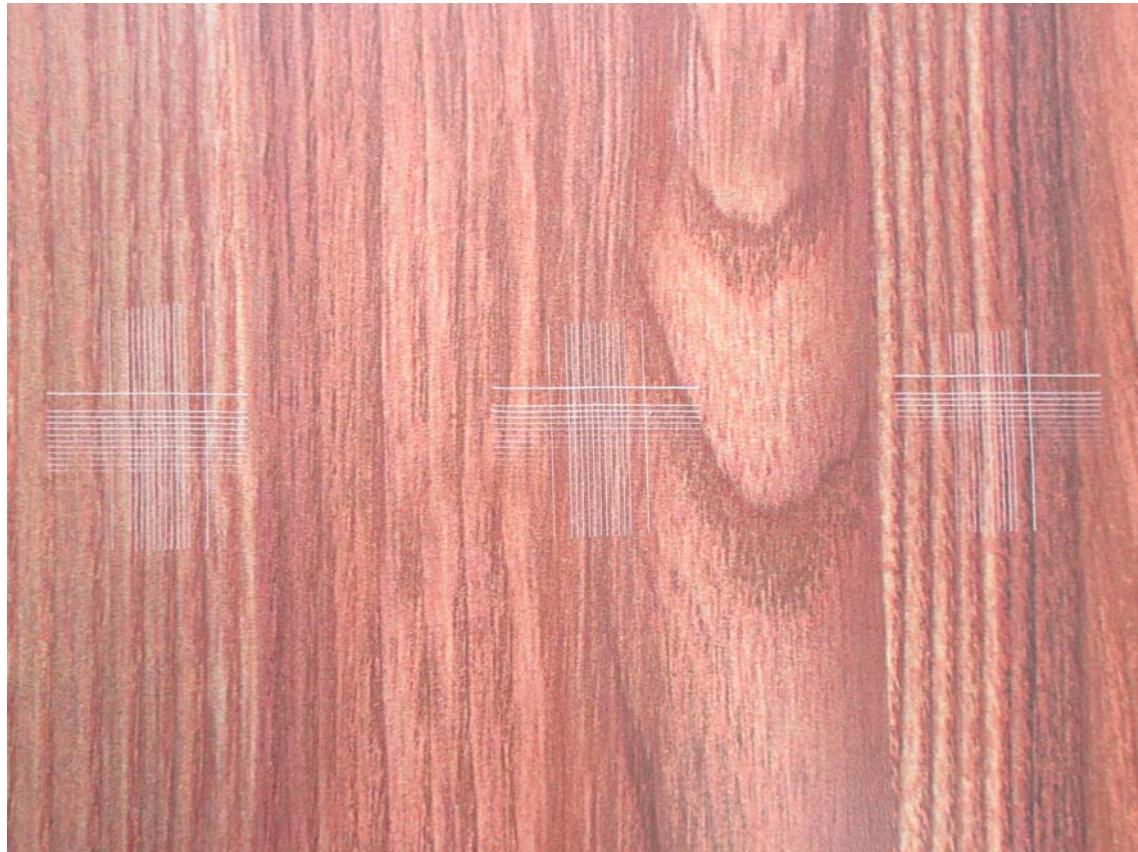
Sample was rated according to:

- ASTM D3359 (Measuring Adhesion by Tape Test)

**RESULTS:**

Tests performed between 2020-08-31 and 2020-09-01.

Sample	ASTM D3359 Adhesion Rating		
#1 ACM	5B	5B	5B



*Sample after adhesion test*

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Sample		Thickness
		<i>Mils</i>
#1 ACM	#1	2
	#2	1.8
	#3	1.7
	#4	1.5
	#5	1.7
	#6	1.7
	#7	1.7
	#8	1.7
	#9	1.8
	<b>Average</b>	<b>1.7</b>

Prepared by:

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## APPENDIX 1: Evaluation of adhesion

### Classification of adhesion test results according to ASTM D3359

Table hereafter is from the current version of ASTM D3359 (ASTM D1654-17)

Films and coatings > 125 µm	Films and coatings ≤ 125 µm
Method A: "X-cut"	Method B: "Lattice pattern"
<p><b><u>RATINGS:</u></b>  <b>5A</b> No peeling or removal  <b>4A</b> Trace peeling or removal along incisions or at their intersection  <b>3A</b> Jagged removal along incisions up to 1.6 mm (1/16 in.) on either side  <b>2A</b> Jagged removal along most of incisions up to 3.2 mm (1/8 in.) on either side  <b>1A</b> Removal from most of the area of the X under the tape  <b>0A</b> Removal beyond the area of the X.</p>	<p><b><u>RATINGS:</u></b>  <b>5B</b> The edges of the cuts are completely smooth; none of the squares of the lattice is detached.  <b>4B</b> Small flakes of the coating are detached at intersections; less than 5 % of the area is affected.  <b>3B</b> Small flakes of the coating are detached along edges and at intersections of cuts. The area affected is 5 to 15 % of the lattice.  <b>2B</b> The coating has flaked along the edges and on parts of the squares. The area affected is 15 to 35 % of the lattice.  <b>1B</b> The coating has flaked along the edges of cuts in large ribbons and whole squares have detached. The area affected is 35 to 65 % of the lattice.  <b>0B</b> Flaking and detachment worse than Classification</p>

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