

April 16, 2018

Letter Report No. 103257316COQ-001D

Cheryl Pidzarko
Cadillac Coatings Canada Inc.
8918 – 18th Street
Edmonton, AB T6P 1K6
Canada

Phone: 780-416-0361
Fax: 780-416-0365
Email: Cheryl.p@cadillaccoatings.ca

Subject: Findings Report 103257316COQ-001D

Dear Ms. Pidzarko,


Intertek has conducted weathering tests for Cadillac Coatings Canada Inc. on various coated panels. The Cadillac Coatings Canada Inc. panels were tested for freeze/thaw resistance and ultraviolet light exposure. Freeze/thaw resistance was conducted in accordance with the client's test specifications. Ten (10) cycles were conducted where each cycle consisted of 20 hours of freezing at $-35 \pm 5^{\circ}\text{C}$ and 4 hours of thawing at $23 \pm 5^{\circ}\text{C}$. Ultraviolet light exposure was conducted in accordance with ASTM G155-13, *Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials*, Cycle 1 (102 min light at 63°C black panel temperature, 18 min light and water spray) for a total of 3000 hours. Samples were received at the Evaluation Center on November 29, 2017 (Coquitlam ID# VAN1712131529-001). Testing has been completed and results can be found in Table 1 below.

Table 1. Test Results	
Property	Test Result
Ultraviolet Light Exposure (3000 hours)	Slight fading and/or discoloration for all specimens; refer to photos in Appendix A
Freeze/Thaw Resistance (10 cycles)	No sign of any change after 10 cycles

If there are any questions regarding the results contained in this report, or any of the other services offered by Intertek, please do not hesitate to contact the undersigned.

COMPLETED BY: Chris Chang
Senior Tech –
Building & Construction


TITLE:

SIGNATURE: 

DATE: 04/16/18

REVIEWED BY: Baldeep Sandhu
Manager –
Building & Construction

TITLE:

SIGNATURE: 

DATE: 04/16/18

Page 1 of 7

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only the sample tested. This report by itself does not imply that the material, product or service is or has ever been under an Intertek certification program.



APPENDIX A: PHOTOS (5 PAGES)

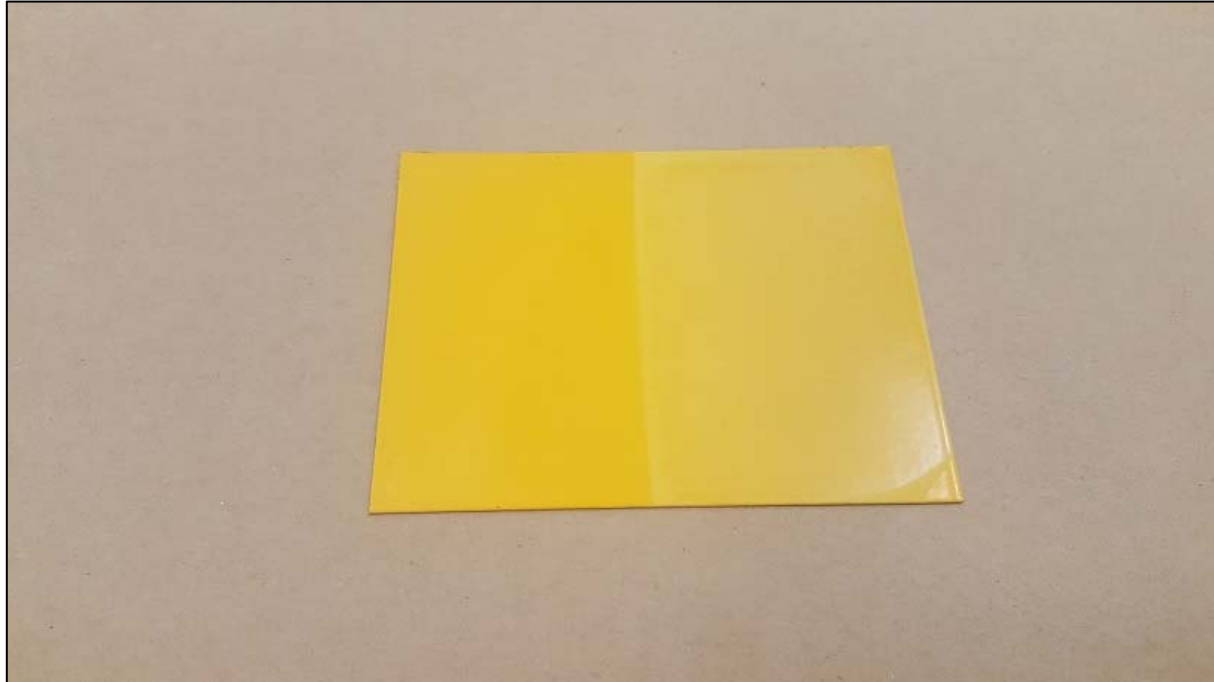


Figure 1. #130 (Control Left Side & Weathered Right Side)

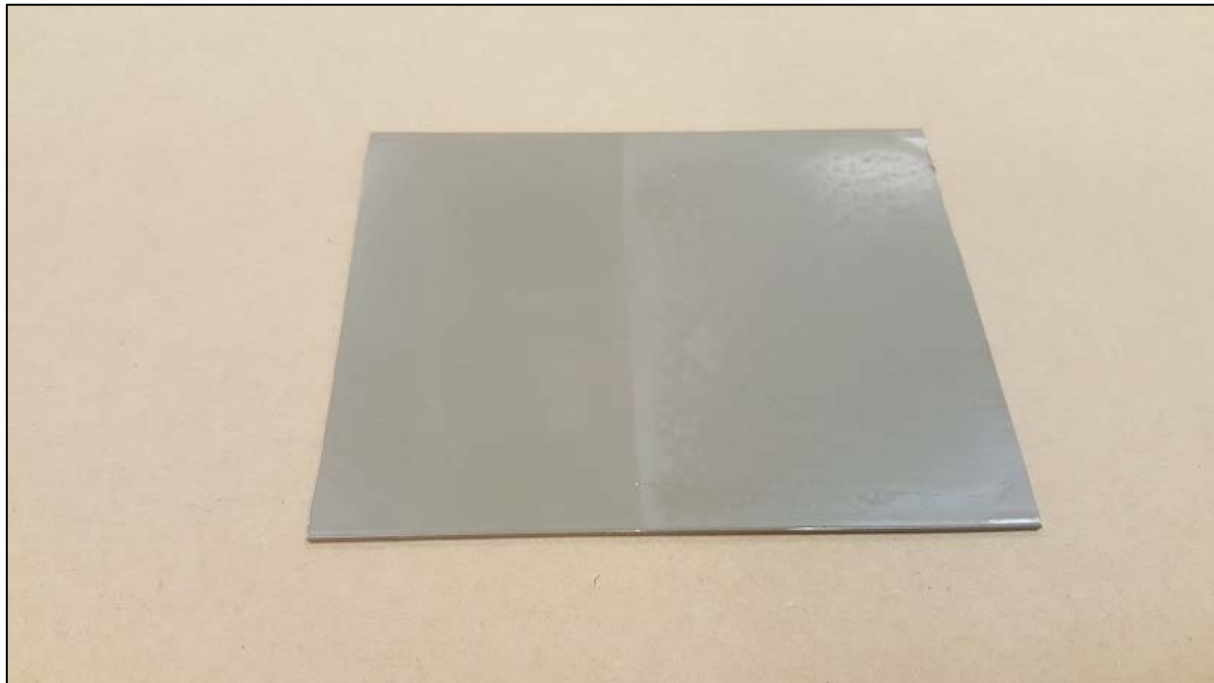


Figure 2. #78 (Control Left Side & Weathered Right Side)



Figure 3. #84 (Control Left Side & Weathered Right Side)

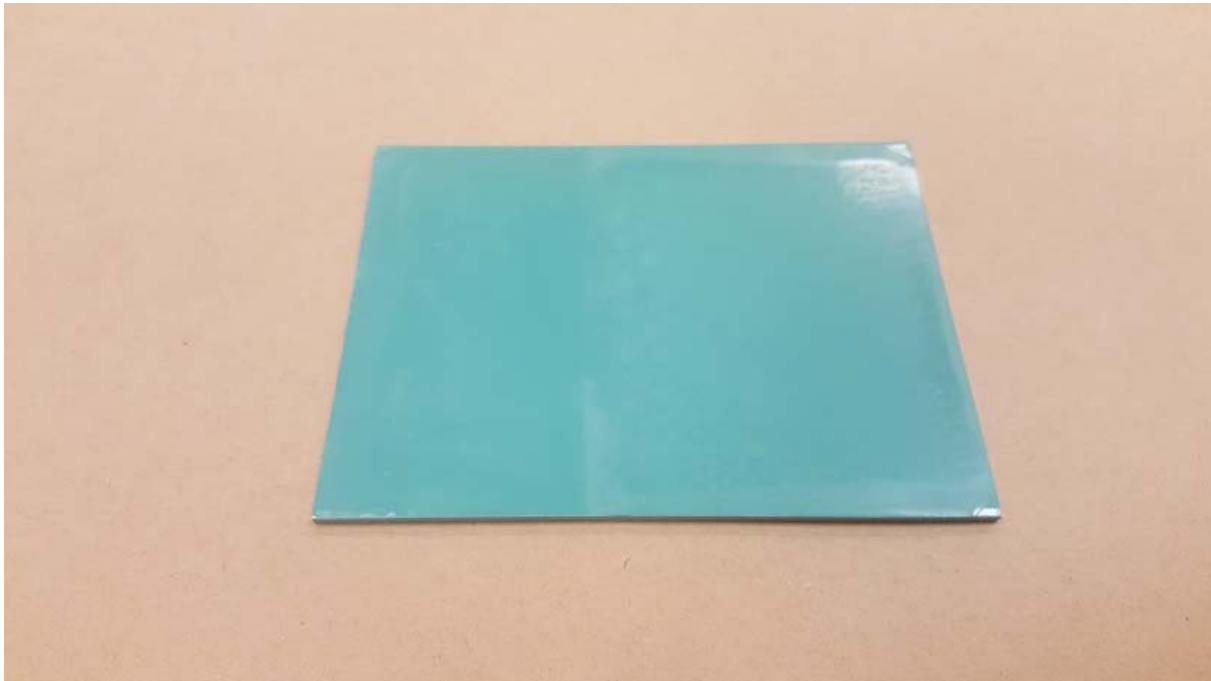


Figure 4. #129 (Control Left Side & Weathered Right Side)

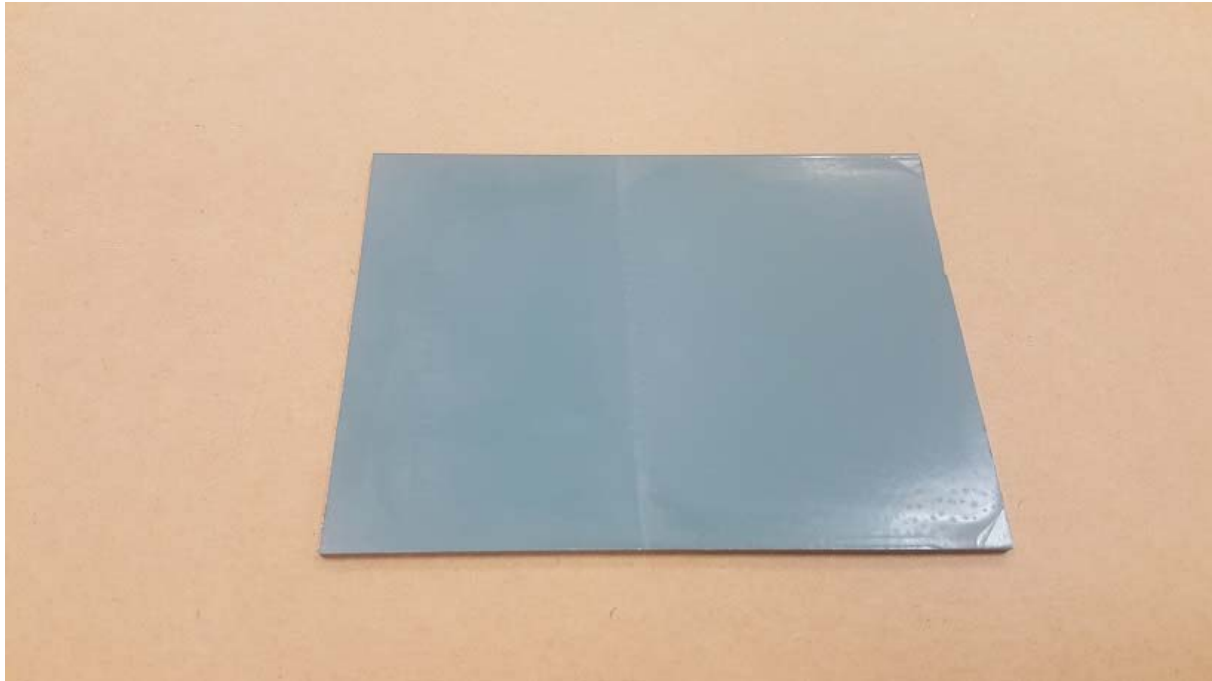


Figure 5. #122 (Control Left Side & Weathered Right Side)

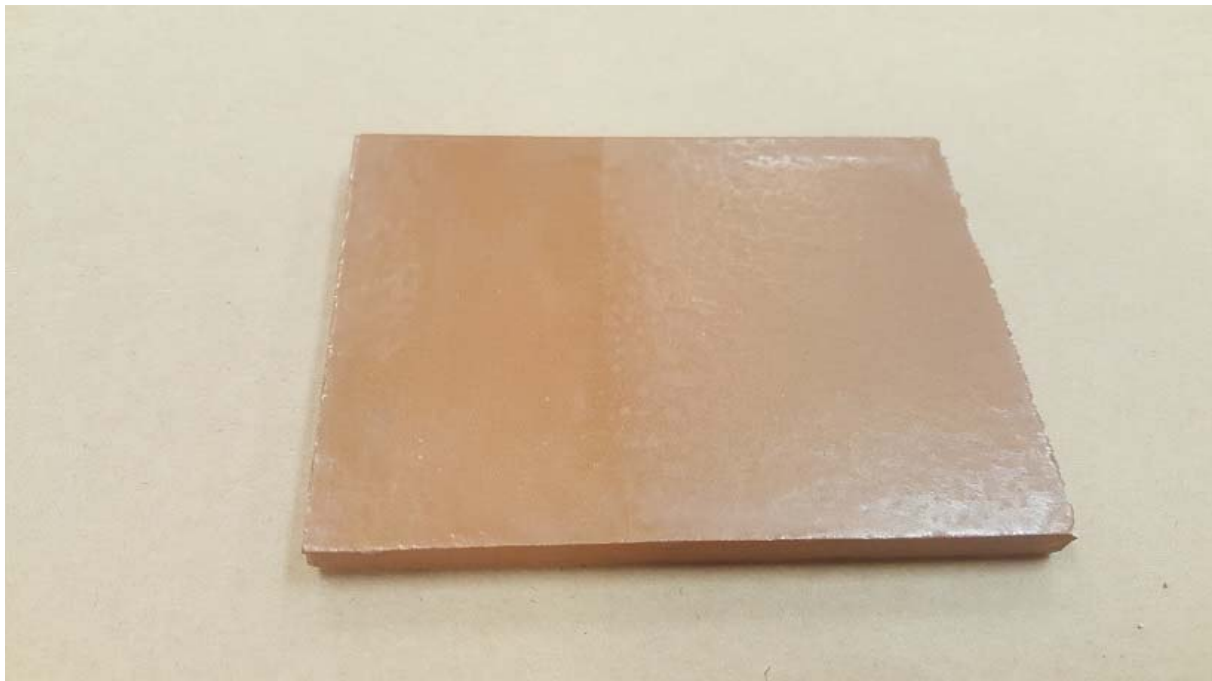


Figure 6. #71 (Control Left Side & Weathered Right Side)

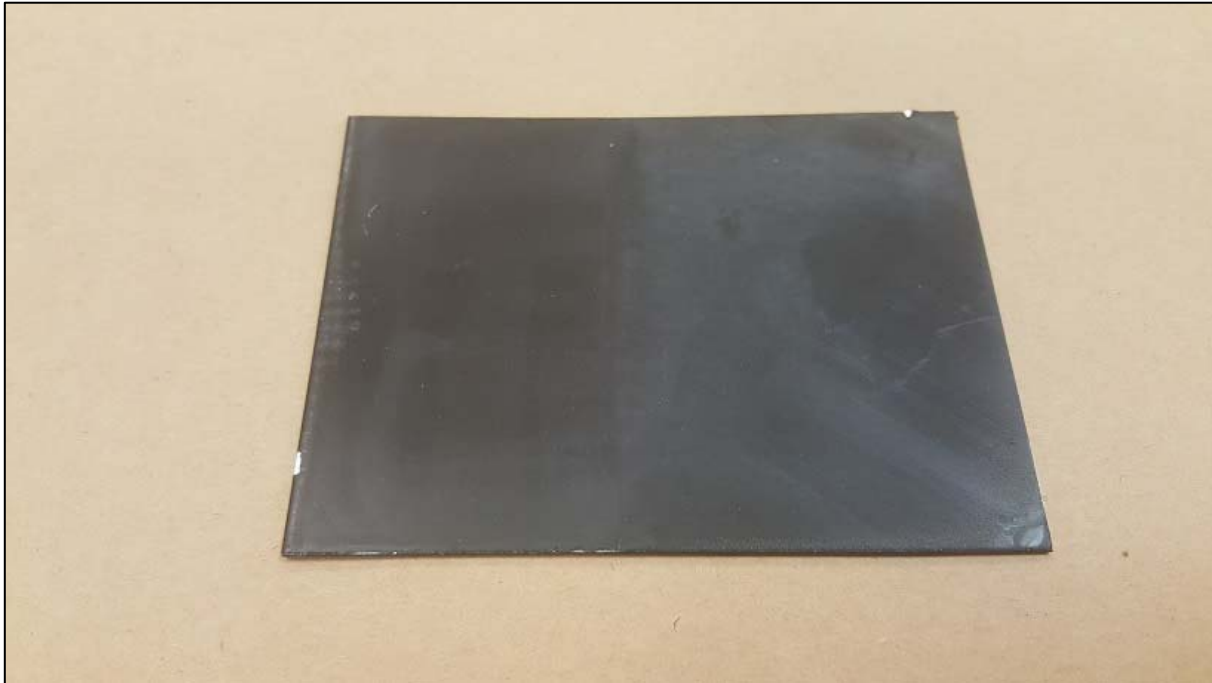


Figure 7. #98 (Control Left Side & Weathered Right Side)

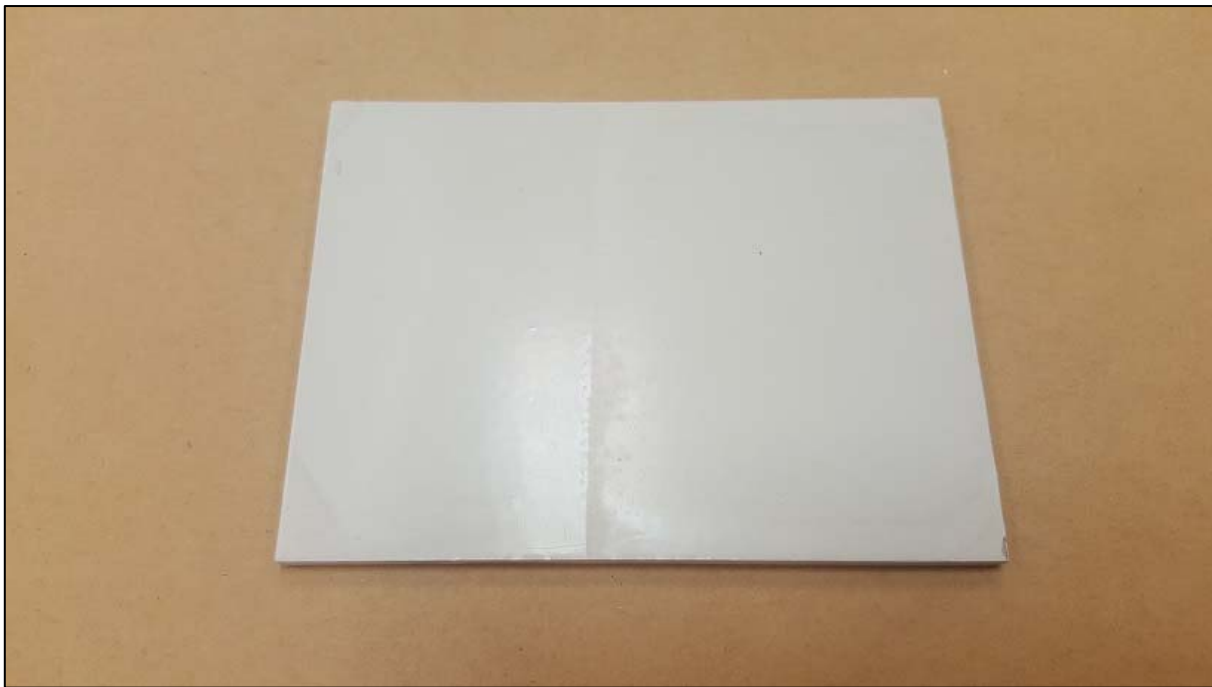


Figure 8. #133 (Control Left Side & Weathered Right Side)

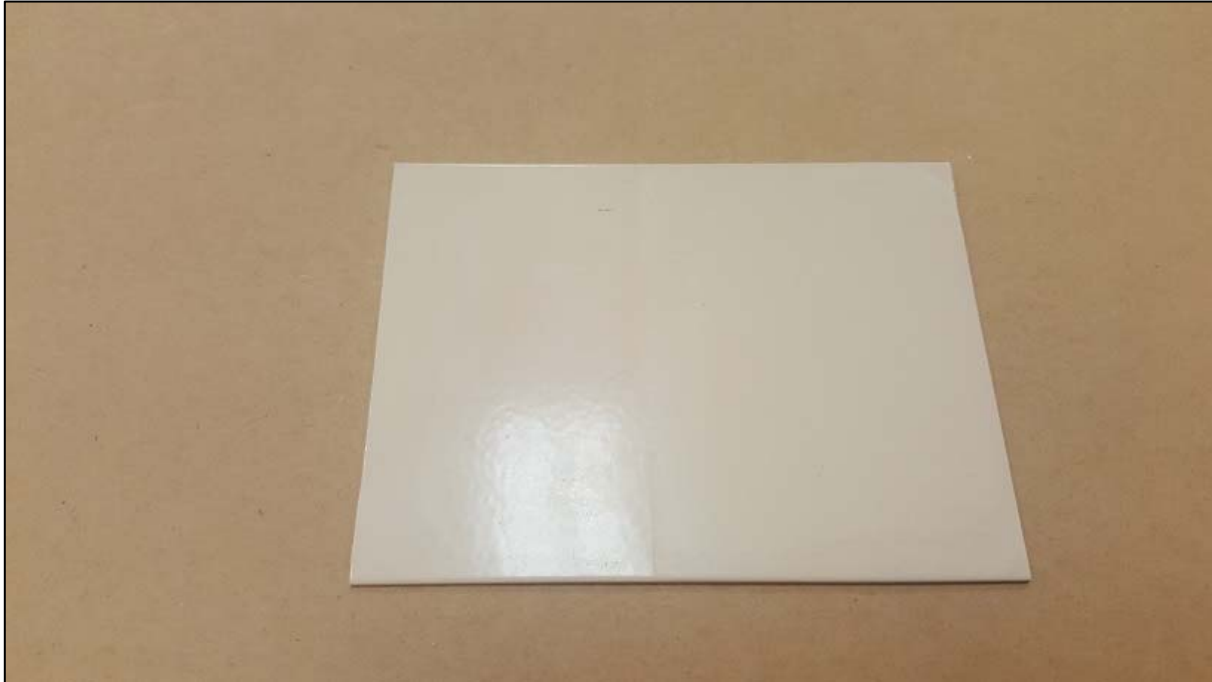


Figure 9. #109 (Control Left Side & Weathered Right Side)



Figure 10. #106 (Control Left Side & Weathered Right Side)