

This is the official testing report for **ClearFX**® Attogetic Coating for both the **Exterior** and **Wheels** formula. SGS is the global standard for testing and authenticating products of organic and/or synthetic chemical nature within the automotive industry. Below you will find official SGS reports outlining the performance of ClearFX when tested for Hardness and Chemical Exposure.

These reports signify the strength and durability of **ClearFX** when overtly exposed to extreme conditions, similar to the conditions a vehicle faces when used in the harshest of environments.

**ClearFX** surpasses all chemical exposures and is rated at 9H on the pencil hardness scale.



**CLIENT:** RestorFX International, Inc.  
 P. O. Box 3281  
 Blaine, Washington, 98231  
 United States

**Test Report No:** 4203633PP01

**Date:** 28 September 2017

**SAMPLE(S) SUBMITTED**

**BY THE CLIENT AS:**

The following samples were identified by the client as the following:

10"x12" aluminum panel for pencil hardness – Labeled "ClearFX Wheels: Hardness"
10"x12" aluminum panel for pencil hardness – Labeled "ClearFX Exterior: Hardness"
4"x6" black, glossy automotive clear coat panels for (1) Alkali, (1) Salt, (1) Acid Immersion(s) – each labeled "ClearFX Wheels"
4"x6" black, glossy automotive clear coat panels for (1) Alkali, (1) Salt, (1) Acid Immersion(s) – each labeled "ClearFX Exterior"

Color: Coated Black Automotive Panels/Aluminum Panels.

**DATE OF RECEIPT:** 18 September, 2017

**TEST PERIOD:** 19 – 28 September, 2017

**TEST(S) REQUESTED:** The submitted materials were tested for Pencil Hardness as per ASTM D-3363, Alkali, Acid, and Salt for Resistance, in accordance with Client Instructions.

**TEST RESULTS:** See Pages 2 - 3

**PREPARED BY:**

**Hayford Mensah, Report Writer  
 Packaging & Materials**

**SIGNED FOR AND ON BEHALF OF  
 SGS NORTH AMERICA INC.,**

**Frank Savino, Lab Manager  
 Packaging & Materials**

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SGS North America Inc. Consumer and Retail Services 291 Fairfield Avenue, Fairfield, NJ 07004 t (973) 575-5252 f (973) 575-

CLIENT : RestorFX International, Inc.

REPORT No: 4203633PP01

**TEST RESULT:**

Test 1.0:

**Pencil Hardness**

ASTM D-3363

Specimen	Results
ClearFX Wheels	No Scratch observed, after 9H
ClearFX Exterior	No Scratch observed, after 9H

**Note:** Lab conditions: 73<sup>0</sup> F & 50RH

Test 1.1:

**Alkali Resistance**

Specimen	Results
ClearFX Wheels	No abnormalities/change after partial immersion
ClearFX Exterior	No abnormalities/change after partial immersion

**Test Condition:**

**Test Method**

Procedure: Partial Immersion  
 Reagent: 15% sodium carbonate  
 Time/Temperature: 23<sup>0</sup>C @ 24 hours

JIS K5400 (1990)  
 Testing methods for paints

**Note:** Lab conditions: 73<sup>0</sup> F & 50RH

Test 1.2:

**Acid Testing**

Specimen	Results
ClearFX Wheels	No abnormalities/change after partial immersion in acid
ClearFX Exterior	No abnormalities/change after partial immersion in acid

**Test Condition:**

**Test Method**

Procedure: Partial Immersion  
 Reagent: 15% sulfuric acid  
 Time/Temperature: 23<sup>0</sup>C @ 24 hours

JIS K5400 (1990)  
 Testing methods for paints

**Note:** Lab conditions: 73<sup>0</sup> F & 50RH

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Test 1.3: **Salt Solution Resistance**

Specimen	Results
ClearFX Wheels	No abnormalities/change after immersion in sodium chloride solution
ClearFX Exterior	No abnormalities/change after immersion in sodium chloride solution

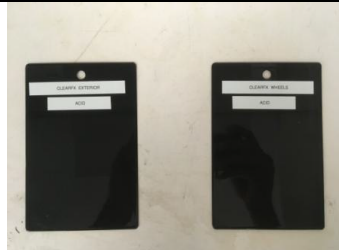
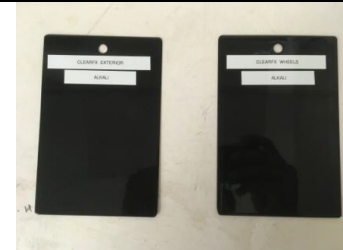
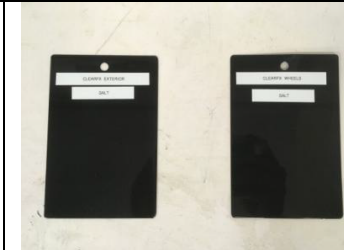


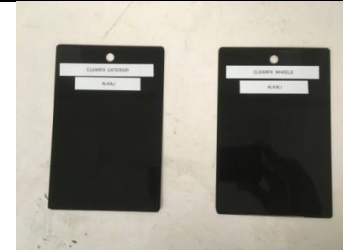
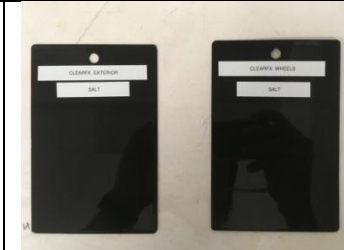

**Test Condition:**

Procedure: Partial Immersion  
 Reagent: 15% sodium chloride  
 Time/Temperature: 23°C @ 96 hours  
**Note:** Lab conditions: 73°F & 50RH

**Test Method**

JIS K5400 (1990)  
 Testing methods for paints

**Sample Photo:**

			
<b>Before Acid testing</b>	<b>Before Alkali testing</b>	<b>Before Salt testing</b>	<b>Before Pencil Hardness testing</b>
			
<b>After Acid testing</b>	<b>After Alkali testing</b>	<b>After Salt testing</b>	<b>After Pencil Hardness testing</b>

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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