CLEARFX
ATTOGENETIC SURFACE ENGINEERING

CLEARFX EXTERIOR AND WHEELS HARDNESS AND CHEMICAL EXPOSURE TESTS

This is the official testing report for **ClearFX**® Attogenetic 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.

SGS

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:

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Packaging & Materials

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

Frank Savino, Lab Manager
Packaging & Materials

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: 73^0 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:

Procedure: Partial Immersion
Reagent: 15% sodium carbonate
Time/Temperature: 23^0C @ 24 hours
Note: Lab conditions: 73^0 F & 50RH

Test Method

JIS K5400 (1990)
Testing methods for paints

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:

Procedure: Partial Immersion
Reagent: 15% sulfuric acid
Time/Temperature: 23^0C @ 24 hours
Note: Lab conditions: 73^0 F & 50RH

Test Method

JIS K5400 (1990)
Testing methods for paints

CLIENT : **RestorFX International, Inc.** **REPORT NO: 4203633PP01**

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

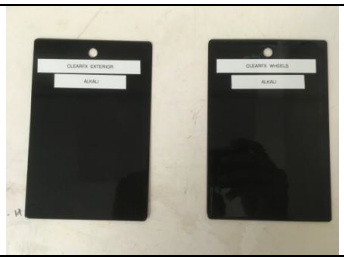
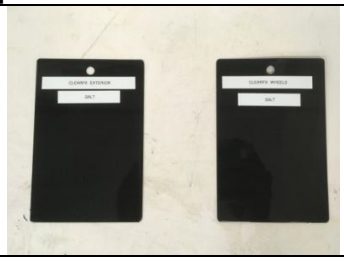
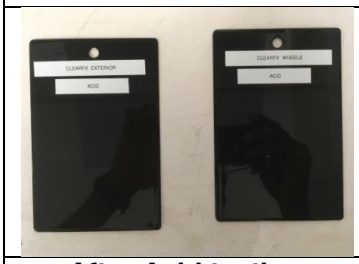
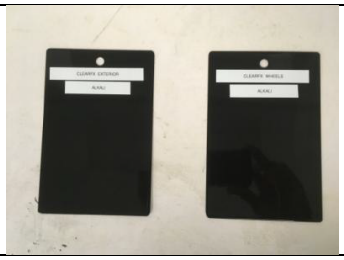
Test Condition:

Procedure: Partial Immersion
Reagent: 15% sodium chloride
Time/Temperature: 23^0C @ 96 hours
Note: Lab conditions: 73^0 F & 50RH

Test Method

JIS K5400 (1990)
Testing methods for paints

Sample Photo:

			
Before Acid testing	**Before Alkali testing**	**Before Salt testing**	**Before Pencil Hardness testing**
			
After Acid testing	**After Alkali testing**	**After Salt testing**	**After Pencil Hardness testing**

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