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POLYGUARD PRODUCTS, INC.
TEST REPORT

SCOPE OF WORK
ASTM B117 SALT FOG TESTING ON RG 2400 CHW PRODUCT

REPORT NUMBER
J5985.02-106-31-R0

TEST DATES
04/29/19 - 06/11/19

ISSUE DATE
07/11/19

RECORD RETENTION END DATE
06/11/23

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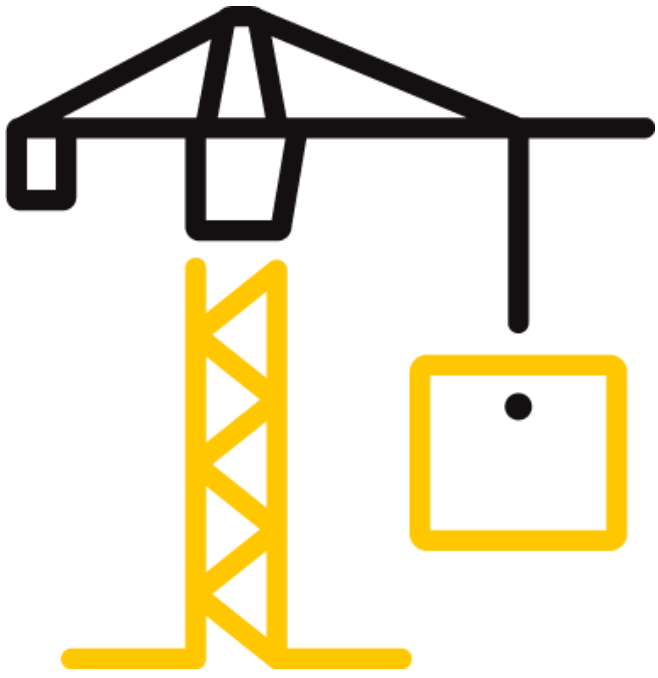

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TEST REPORT FOR POLYGUARD PRODUCTS, INC.
Report No.: J5985.02-106-31-R0
Date: 07/11/19

REPORT ISSUED TO

POLYGUARD PRODUCTS, INC.
1901 US Hwy 287
Corsicana, Texas 75110

SECTION 1

SCOPE

Product: RG 2400 CHW

Intertek Building & Construction (B&C) was contracted by Polyguard Products, Inc., to evaluate RG 2400 CHW in accordance with ASTM B117 for Salt Fog Exposure. Results obtained are tested values and were secured by using the designated test method. Testing was conducted at the Intertek B&C test facility in York, Pennsylvania.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

For INTERTEK B&C:

COMPLETED BY:	Ronald J. Gover Jr.	**REVIEWED BY:**	Joseph M. Brickner
TITLE:	Technician III Materials Laboratory	**TITLE:**	Laboratory Manager Materials Laboratory
SIGNATURE:	Ronald Gover Jr. Digitally Signed by: Ronald Gover	**SIGNATURE:**	Joseph M. Brickner Digitally Signed by: Joseph M. Brickner
DATE:	07/11/19	**DATE:**	07/11/19

RJG:jmb/als

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SECTION 2
TEST METHODS

The specimens were evaluated in accordance with the following:

ASTM B117-18, *Standard Practice for Operating Salt Spray (Fog) Apparatus*

SECTION 3
MATERIAL SOURCE

The materials were provided by Polyguard Products, Inc. The following was received on April 8, 2019: 1 can of RG 2400 CHW. The material was tested as received. Representative materials/test specimens will be retained by Intertek B&C for a minimum of four years from the test completion date.

SECTION 4
LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Ronald J. Gover Jr.	Intertek B&C
Joseph M. Brickner	Intertek B&C

SECTION 5
TEST PROCEDURES

All conditioning of test specimens and test conditions were at standard laboratory conditions unless otherwise reported. Refer to the test related photos in Section 9.

ASTM B117 - Salt Fog
Samples were conditioned in the lab for a minimum of 48 hours. The sample was applied to clean steel panels at a 25-mil thickness. Test specimens were subjected to a 1,000-hour exposure in a QFOG salt fog cabinet (ICN: Y006716) utilizing a 5% (by weight) solution of reagent grade Sodium Chloride and laboratory grade water. The cabinet operated with a continuous fog at 35 ±3°C and an atomized solution pH between 6.5-7.2. Specimens were supported at an angle between 15° and 30° from vertical. Specimens were removed at test completion for observations and to be photographed.

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SECTION 6
TEST SPECIMEN DESCRIPTIONS

TEST PROCEDURE	NUMBER OF SPECIMENS	NOMINAL SPECIMEN DIMENSIONS	VISUAL CHARACTERISTICS
ASTM B117	3	3in. by 5in. by 25mil.	Green, Gel

SECTION 7
TEST RESULTS

ASTM B117 - Salt Spray Exposure - 1000 Hours of with X-Scribe

PRODUCT IDENTIFICATION		RESULT	GRADE
RG 2400 CHW	**1**	The gel properties of the RG 2400 CHW appeared to protect the CRS Panel. After the gel was removed the CRS panel showed no signs of corrosion.	10-G
	2		
	3		

Reference Scale and Description of Rust Ratings - (Table 1 ASTM D610)

RUST GRADE	PERCENT OF SURFACE RUSTED	VISUAL EXAMPLES		
		SPOT (S)	GENERAL (G)	PINPOINT (P)
10	Less than or equal to 0.01%	None	None	None
9	Greater than 0.01% and up to 0.03%	9-S	9-G	9-P
8	Greater than 0.03% and up to 0.1%	8-S	8-G	8-P
7	Greater than 0.1% and up to 0.3%	7-S	7-G	7-P
6	Greater than 0.3% and up to 1.0%	6-S	6-G	6-P
5	Greater than 1.0% and up to 3.0%	5-S	5-G	5-P
4	Greater than 3.0% and up to 10.0%	4-S	4-G	4-P
3	Greater than 10.0% and up to 16.0%	3-S	3-G	3-P
2	Greater than 16.0% and up to 33.0%	2-S	2-G	2-P
1	Greater than 33.0% and up to 50.0%	1-S	1-G	1-P
0	Greater than 50.0%	None	None	None

SECTION 8
CONCLUSION

The requested test method does not contain specific performance requirements.

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SECTION 9
PHOTOGRAPHS

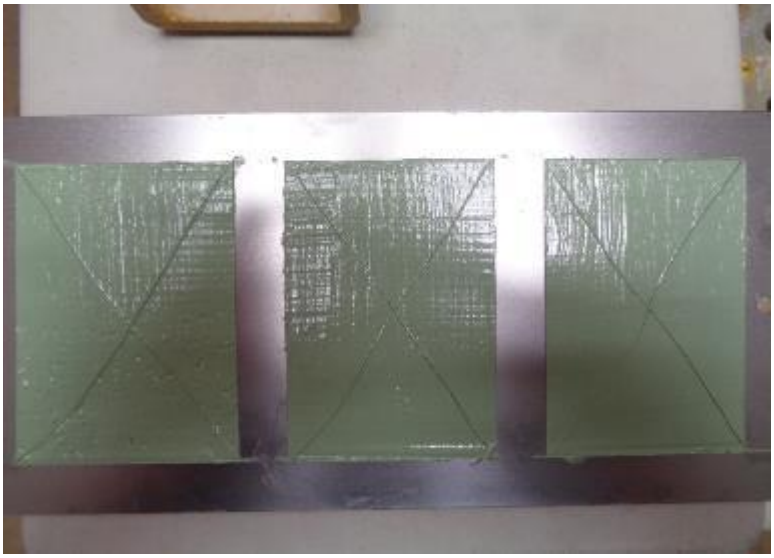

Photo No. 1
RG 2400 CHW Pre Exposure

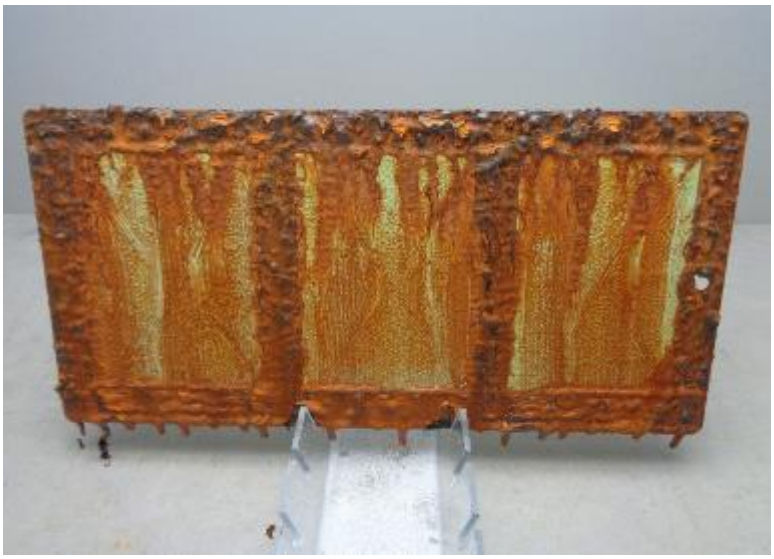

Photo No. 2
RG 2400 CHW Post Exposure

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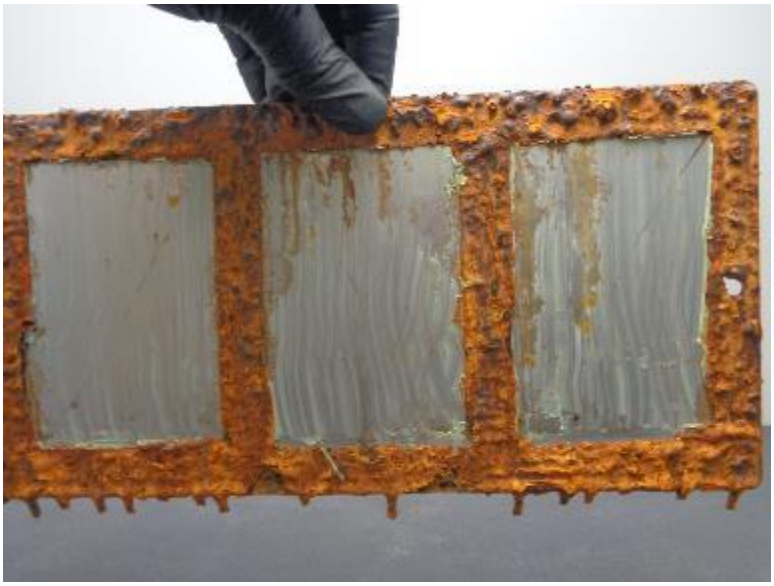

Photo No. 3
RG 2400 CHW Clean

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SECTION 10
REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	07/11/19	N/A	Original Report Issue