



Wayne Pigment Corp.

Dedicated To Research, Innovation and Quality

300 SOUTH BARCLAY STREET
PHONE 414/225-2400

MILWAUKEE, WISCONSIN 53204
FAX 414/225-2410

Applications Research Laboratory Report

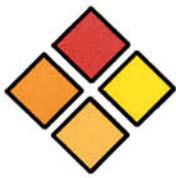
Corrosion Inhibitive Performance Evaluation of Primed Panels Submitted from United Coatings

Project Performed By : Jim Ueberfluss
Report Prepared By : John A. Hennes

Report Number : CS236B
Date : July 19, 2004

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Project Summary

Primed test panels were supplied by United Coatings and submitted to Wayne Pigment Corp. for salt fog corrosion testing. The ASTM B-117 corrosion inhibitive performance of the respective coatings were then evaluated periodically and after 2000 total hours of exposure in accordance with ASTM D-714.

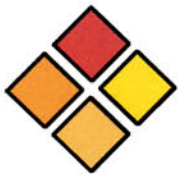
Objective : To evaluate the ASTM B-117 corrosion inhibitive performance of primed panels from United Coatings.

Experimental : Each respective test panel was x-scribed and exposed to salt fog, ASTM B-117 for 2000 total hours. Each test panel was evaluated periodically and at exposure completion for the degree of corrosion in accordance with ASTM D-714.

Data :

Table 1. Corrosion Inhibitive Performance Evaluation of United Coatings Primed Panels After 2000 Hours of ASTM B-117 Salt Fog Exposure

Panel ID	Corrosion Inhibitive Performance Test Results Blister Size (#) and Frequency After 2000 Hours ASTM B-117 Salt Fog Exposure	
	Scribe	Field
160 CD	Few #6 blisters. Extensive rust deposition in scribe. Moderate rust bleeding from scribe.	No observed blisters. Small amount of rust bleeding.
160 CR	No observed blisters. Moderate rust deposition in scribe. Slight rust bleeding from scribe.	No observed blisters or corrosion. Small amount of rust bleeding.
160 HD	Few #6 blisters. Extensive rust deposition in scribe. Moderate rust bleeding from scribe.	No observed blisters or corrosion. Small amount of rust bleeding.



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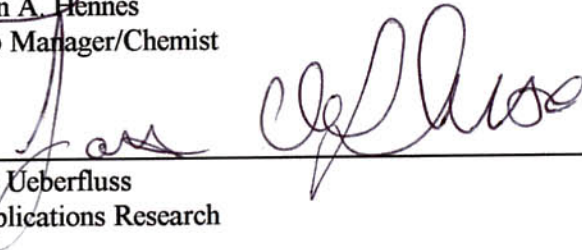
Dr. John Sinko
Technical Director

Authorized By:



John A. Hennes
Lab Manager/Chemist

Authorized By:



Jim Ueberfluss
Applications Research



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Evaluation of United Coatings Coated Panels After 1500 Hours Salt Fog Exposure

160 CD



160 HD



160 CR





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Evaluation of United Coatings Coated Panels After 1000 Hours Salt Fog Exposure

160 CD



160 HD



160 CR

