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Comparison of Nox-Rust X-298

Background: Customer currently utilizes Nox-Rust X-298 for indoor corrosion protection. They are interested in replacing Nox-Rust X-298 with a superior Cortec product.

Purpose: Compare Nox-Rust X-298 to several Cortec products.

Materials: VpCI-377
 VpCI-325
 VpCI-327
 Nox-Rust X-298

Method: ASTM-D-1748

Procedure: The following Procedure was followed:

1) 1010 Carbon steel Q-panels were coated with the following products

Panel	Product
A	Nox-Rust X-298
B	Ecoair VpCI-377 (10% by weight in water)
C	VpCI-325
D	VpCI-327

2) The panels were allowed to dry for more than 24 hours and place inside the ASTM-D-1748 Humidity Cabinet.

3) Periodically the panels were inspected, after 672 hours the panels were inspected, removed, a picture was taken and a report was written.

Results: The following results were found:

Panel	Time to Failure (hours)
A	432
B	670*
C	Did Not Fail
D	Did Not Fail

*failure was due to a discoloration, not corrosion

Conclusion: VpCI-327 and VpCI-325 provided better corrosion protection than the Nox-Rust X-298. VpCI-377 provided equal protection as the Nox-Rust X-298, and it is water based and leaves a dry tack free film.

Project #: 03-067-1625

Estimated Cost of Project: 5.5 Hours

To: Jeff Neill, Jeff Neill and Associates

From: Brian L. Wuertz



Certificate No. 70781



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