

4119 White Bear Parkway, St. Paul, MN 55110 USA
 Phone (651) 429-1100, Fax (651) 429-1122
 Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
 Internet http://www.cortecvci.com

Comparing EcoLine 3690 to CRC Product

Purpose: To compare, on steel panels, the corrosion protection of CRC SP-350 to EcoLine 3690.

Method: ASTM D-1748 humidity cabinet (120°F, 95% relative humidity)

Materials: 3 – steel panels
 CRC SP-350 aerosol
 EcoLine 3690

Procedure: The following procedure was used:

- 1) Three steel panels were cleaned with methanol prior to testing.
- 2) After cleaning, the panels were treated as follows:
 - a. No treatment (control)
 - b. Sprayed with CRC SP-350
 - c. Dipped in EcoLine 3690
- 3) After treatment, the panels were allowed to air dry overnight.
- 4) The panels were then placed in ASTM D-1748 humidity cabinet.
- 5) All panels were visually inspected periodically.
- 6) After 720 hours, all panels were removed from ASTM D-1748 humidity cabinet.
- 7) All panels were visually inspected and photographed.

Results: The following results were found:

Panel Treatment	Time to Failure (Hours)
None (control)	<24
CRC SP-350	336
EcoLine 3690	720

Conclusion: EcoLine 3690 provided more than twice the corrosion protection of the CRC product. In addition to the increased corrosion protection, EcoLine 3690 is also more environmentally and user friendly. While the CRC product is petroleum based with hazardous propellants, EcoLine 3690 is canola oil based.

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From: Eric Uutala

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cc: Boris Miksic
Anna Vignetti
Margarita Kharshan
Cliff Cracauer
Bob Boyle
Michael Morin
John Wiermaa
Bill Harrod

