

### *Evaluation of Fuch's VCI Paper*

**Purpose:** To test the VCI properties of the submitted sample of Fuch's VCI paper, which was manufactured by Branopac, and compare the results to Cortec's VpCI-149 paper.

**Materials:** Fuch's VCI paper, produced by Branopac  
 Cortec's VpCI-149 paper  
 Razor Blade Test Kit  
 VIA Test Kit

**Method:** Razor Blade Test  
 VIA Test

**Procedure:** The above tests were performed according to the standard procedures each

**Results:** Razor Blade Test (carbon steel)

Material	Panel #1	Panel #2	Panel #3
Fuch's VCI paper, produced by Branopac	Pass	Pass	Pass
Cortec's VpCI-149 paper	Pass	Pass	Pass
Control	Fail	Fail	Fail

Razor Blade Test (copper)

Material	Panel #1	Panel #2	Panel #3
Fuch's VCI paper, produced by Branopac	Pass	Pass	Pass
Cortec's VpCI-149 paper	Pass	Pass	Pass
Control	Fail	Fail	Fail

VIA Test

Material	Panel #1	Panel #2	Panel #3
Fuch's VCI paper, produced by Branopac	Grade 1	Grade 1	Grade 1
Cortec's VpCI-149 paper	Grade 3	Grade 3	Grade 3
Control	Fail	Fail	Fail

**Conclusion:** The submitted sample of Fuch's paper provides contact inhibition (Razor Blade test), but doesn't provide any vapor phase protection (VIA test).



**Project #:** 07-340-1125

VIA Test Grades (Grade 2 or 3 are passing)

- Grade 0: Blind test  
No corrosion inhibiting effect
- Grade 1: Blind test  
Minute corrosion inhibiting effect
- Grade 2: Blind test  
Medium corrosion inhibiting effect
- Grade 3: Blind test  
Good corrosion inhibiting effect

