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## *Evaluating ProPack VCI paper*

**Background:** ProPack VCI paper was submitted to Cortec corporation for a corrosion inhibition evaluation.

**Purpose:** Evaluate the corrosion inhibition offered by VCI ProPack paper.

**Method:** Razor Blade Test  
VIA Test  
SO<sub>2</sub> Test

**Materials:** Razor Blade Test Kit  
VIA Test Kit  
SO<sub>2</sub> Test Kit

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

**Results:**

Razor Blade Test

Material	Panel #1	Panel #2	Panel #3
VCI ProPack paper	Fail	Fail	Fail
Cortec VpCI-146 paper	Pass	Pass	Pass
Control	Fail	Fail	Fail

VIA Test

Material	Plug #1	Plug #2	Plug #3
VCI ProPack paper	Grade 0	Grade 0	Grade 0
Cortec VpCI-146 paper	Grade 3	Grade 3	Grade 3
Control	Fail	Fail	Fail

SO<sub>2</sub> Test

Material	Panel #1	Panel #2	Panel #3
VCI ProPack paper	Grade 0	Grade 0	Grade 0
Cortec VpCI-146 paper	Grade 4	Grade 4	Grade 4
Control	Fail	Fail	Fail

**Conclusion:** VCI ProPack paper does not provide contact, vapor or barrier phase corrosion inhibition.

**Project #:** 03-164-1125



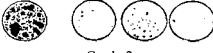



Certificate No.70701



Certificate No.01067

## VIA Test Grades (Grade 2 or 3 are passing)

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

### *SO<sub>2</sub> Grades (Grade 3 and 4 are passing):*

Grade 0- Extensive corrosion covering 25% or more of panel surface

Grade 1- Moderate corrosion covering 10-25% of panel surface

Grade 2- Slight corrosion covering 5-10% of panel surface

Grade 3- Very slight corrosion covering 0-5% of panel surface

Grade 4- No visible corrosion on panel surface