

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2009  
 DateRun: 06/05/2009  
 Experimenters: Jason Marshall, Junhee Cho, Timothy Weil  
 ClientType: Cleaner Manufacturer  
 ProjectNumber: Project #1  
 Substrates: Glass/Quartz  
 PartType: Coupon  
 Contaminants: None  
 Cleaning Methods:  
 Analytical Methods: Timing  
 Purpose: To evaluate aerosol furniture cleaners/polish cleaners for vertical adhesion to glass surface

Experimental Procedure: A large glass window was cleaned using Green Works Glass Cleaner from Clorox to ensure uniform clean surface. Once dry each of the test aerosol products were sprayed for 1-2 seconds onto the surface. A timer was started to determine the time the cleaner took to travel 1 foot (30 cm). A second observation was made to see how much movement was achieved for the products for a total of 2 minute. At the end of 2 minutes the distance traveled by the product was recorded.

For products that need more than 1 minute to travel the 30 cm, time will be recorded as greater than 2 minutes and receive a score of excellent. For products that run down the entire length of the window (4 feet) in less than the 2 minutes, the distance will be recorded as greater than 4 feet and will receive a score of poor.

Time rating	
120	Excellent
60	Good
30	Okay
15	Fair
<15	Poor
Distance rating	
<1	Excellent
1	Good
2	Okay
3	Fair
4	Poor

Product	Time for 1 foot	Rating	Distance in 2 minutes	Rating	
A00133	>2 min	1	7	2	
	>2 min	1	6	1	
	>2 min	1	8	2	
Product Average		1.0		1.7	1.3
A00136	1 min 2 sec	2	30	4	
	1 min 40 sec	2	17	3	
	1 min 40 sec	2	16	3	
Product Average		2.0		3.3	2.7
FURNITURE POLISH	40 sec	3	36	4	

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	47 sec	3	28	3	
	52 sec	3	25	3	
Product Average		3.0		3.3	3.2
CLAIRE FURNITURE POLISH	1 min 49 sec	1	17	2	
	1 min 43 sec	1	20	2	
	1 min 42 sec	1	19	2	
Product Average		1.0		2.0	
PLEDGE ORIGINAL	>2 min	1	0	1	
	>2 min	1	0	1	
	>2 min	1	2	1	
Product Average		1.0		1.0	1

Summary:

<b>Substrates:</b>	Glass/Quartz				
<b>Contaminants:</b>	None				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Amrep Inc	Aspire Furniture Cleaner & Polish A00133 Aerosol	100		<input checked="" type="checkbox"/>	Rank = 2
Amrep Inc	Misty Wax Polish A00136 Aerosol	100		<input type="checkbox"/>	Rank = 4
Spartan Chemical Company	Premium Wood Polish - Aerosol	100		<input type="checkbox"/>	Rank = 5
Claire Manufacturing	Multi-surface Furniture Polish Aerosol	100		<input checked="" type="checkbox"/>	Rank = 3
SC Johnson & Son Inc	Pledge Lemon Clean Aerosol	100		<input checked="" type="checkbox"/>	Rank = 1

Conclusion:

The Amrep Aspire had the second-best ranking for vertical cling testing for furniture polish cleaners. Pledge received the best ranking.