

CERL PAINT LABORATORY TESTING REPORT

Lab Report No.: 03G055

Date: 09-July-2003

Specification: MPI #53

Contract No.: N/A

Manufacturer: Caliwel Antimicrobial

MIPR No.: N/A

Batch No.: N/A

Analysis:	Min	Max	Result	Pass
Condition in container			Ok	Yes
Consistency, ku's	80		98	Yes
Dry hard, hours		2	<2	Yes
Fineness of grind	3		6	Yes
Gloss, 60 degree		5	2.2	Yes
Gloss, 85 degree		10	4.3	Yes
Reflectance (white)	92		84.2	No
Hiding power (white)	98		98	Yes
Alkali resistance			Ok	Yes *
Scrubability, cycles	1000		>1000	Yes *
Application properties			Yes	No**
Appearance of dried film			Ok	Yes
Flexibility			Ok	Yes

Recommendation:

See Remarks below

Remarks: * Both alkali resistance and scrubability results meet the required specification. However, blistering rated as per ASTM D714, MD number 8 was visible at the completion of each test indicating sensitivity to the test media. ** The product was easily applied by roller but 2 coats did not completely hide the specified gray substrate. The low reflectance value indicates this paint is not a pure white.

Signature: _____