



EGY STONE
corian-HPL compact-kitchens

CLIENT: Lion Chemtech
5141 McComber Road
Buena Park, CA 90621

Attn.: Daniel Kim

Test Report No: 781236-01

Date: January 11, 2007

SAMPLE ID: Solid Surface Material

DATE OF RECEIPT: October 18, 2006

TESTING PERIOD: November 07, 2006 - January 11, 2007

AUTHORIZATION: Client's Letter

TESTS REQUESTED: The submitted sample was tested in accordance with the procedures outlined for the following:

ASTM D1499-99 Carbon Arc Exposure
NEMA LD3-2000 3.3 Light Resistance Color Stability
NEMA LD3-2000 3.5 Boiling Water Resistance
NEMA LD3-2000 3.6 High Temperature Resistance
NEMA LD3-2000 3.8 Ball Impact Resistance

TEST RESULTS: Continued on the following pages

PREPARED BY:

SIGNED FOR AND ON BEHALF OF
SGS U.S. TESTING COMPANY INC.

Robert Strzelecki, Technician
Building Materials Lab

Dominick Lepore, Manager
Building Materials

Page 1 of 6

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Report No.: 781236-01

Date: 01/11/07

Page: 2 of 6

CLIENT: Lion Chemtech

RESULTS:

CARBON ARC EXPOSURE

ASTM D1499-99

<u>Sample</u>	<u>Blisters</u>	<u>Crazing</u>	<u>Color Change</u>	<u>Cracking</u>	<u>Dulling</u>
1	No Effect	No Effect	Slight Effect	No Effect	Slight Effect
2	No Effect	No Effect	Slight Effect	No Effect	Slight Effect

Note: Test period: 1000 hrs

Test conditions: 102 minutes light and 18 minutes light and water

No Effect – no change in color or surface finish.

Slight Effect – a change in color or surface finish only visible at certain angles and directions

Moderate Effect – a change in color or surface finish visible at all angles and directions, but does not notably alter the original condition of the specimen

Severe Effect – a change in color or surface finish that markedly alters the original condition of the specimen



Report No.: 781236-01

Date: 01/11/07

Page: 3 of 6

CLIENT: Lion Chemtech

RESULTS:

LIGHT RESISTANCE / COLOR STABILITY

NEMA LD3 2000 3.3

<u>Sample</u>	<u>Blisters</u>	<u>Crazing</u>	<u>Color Change</u>	<u>Cracking</u>	<u>Dulling</u>
1	No Effect	No Effect	Moderate Effect	No Effect	No Effect
2	No Effect	No Effect	Moderate Effect	No Effect	No Effect

Note: Test period: 1000 hrs

No Effect – no change in color or surface finish.

Slight Effect – a change in color or surface finish only visible at certain angles and directions

Moderate Effect – a change in color or surface finish visible at all angles and directions, but does not notably alter the original condition of the specimen

Severe Effect – a change in color or surface finish that markedly alters the original condition of the specimen



Report No.: 781236-01

Date: 01/11/07

Page: 4 of 6

CLIENT: Lion Chemtech

RESULTS:

BOILING WATER RESISTANCE

NEMA LD3 2000 3.5

<u>Sample</u>	<u>Blisters</u>	<u>Crazing</u>	<u>Whitening</u>	<u>Cracking</u>	<u>Dulling</u>
1	No Effect	No Effect	No Effect	No Effect	No Effect
2	No Effect	No Effect	No Effect	No Effect	No Effect
3	No Effect	No Effect	No Effect	No Effect	No Effect

Note:

No Effect – no change in color or surface finish.

Slight Effect – a change in color or surface finish only visible at certain angles or directions

Moderate Effect – a change in color or surface finish visible from all angles and directions, but does not appreciably alter the original condition of the specimen

Severe Effect – a change in color or surface finish which obviously and markedly alters the original condition of the specimen



Report No.: 781236-01

Date: 01/11/07

Page: 5 of 6

CLIENT: Lion Chemtech

RESULTS:

HIGH TEMPERATURE RESISTANCE
NEMA LD3 2000 3.6

<u>Sample</u>	<u>Blisters</u>	<u>Crazing</u>	<u>Whitening</u>	<u>Cracking</u>	<u>Dulling</u>
1	Moderate Effect	No Effect	No Effect	No Effect	Slight Effect
2	Moderate Effect	No Effect	No Effect	No Effect	Slight Effect
3	Moderate Effect	No Effect	No Effect	No Effect	Slight Effect

Note:

No Effect – no change in color or surface finish.

Slight Effect – a change in color or surface finish only visible at certain angles or directions

Moderate Effect – a change in color or surface finish visible from all angles and directions, but does not appreciably alter the original condition of the specimen

Severe Effect – a change in color or surface finish which obviously and markedly alters the original condition of the specimen



Report No.: 781236-01

Date: 01/11/07

Page: 6 of 6

CLIENT: Lion Chemtech

RESULTS:

BALL IMPACT RESISTANCE

NEMA LD3 2000 3.8

<u>Specimen</u>	<u>Impact Resistance</u>
	in
1	> 95
2	> 95
3	> 95
Avg.	> 95

Note: Lab Environment: Temperature 23° C, Humidity 50 %
Specimen Conditioning: 48 hours minimum
Stainless Steel Ball: Ø 1.5", 224 ±3 gm

End of Report

EGY STONE