Summary of Test Results

- Measuring Adhesion by Tape Test: ASTM D3359-02 / Client Specification

**Method:**
Apply one coat of paint on each of the two samples with a brush. Samples are dried for 48 hours at 73° F at 50% R.H. Perform the cross hatch/hesion test using Permacel D-99 tape and report findings.

**Original Result:**

<table>
<thead>
<tr>
<th>Behr Deep Jungle Green Paint</th>
<th>Exterior Flat</th>
<th>Exterior Satin Enamel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three pieces of tape applied to each of the two panels. Adhesion rating is 3B on each.</td>
<td></td>
<td>Three pieces of tape applied to each of the two panels. Adhesion rating is 5B on each.</td>
</tr>
</tbody>
</table>

**Note:**
Exterior Flat was tested after 7 days (168 hrs.) with 5B results obtained. During hours 48 – 168, the samples were not under controlled temperature and humidity conditions.

**Method:**
Apply one cost of paint on each of the two samples with a brush. Samples are dried for 48, 72 and 96 hours at 73° F at 50% R.H. Perform the cross hatch/hesion test using Permacel D-99 tape and report findings.

**Retest Result:**

<table>
<thead>
<tr>
<th>Behr Deep Jungle Green Paint</th>
<th>Exterior Flat</th>
<th>Exterior Satin Enamel</th>
</tr>
</thead>
<tbody>
<tr>
<td>48 hrs. 3B on each 5 – 15% Flaking on edges</td>
<td>48 hrs. 5B on each 0% Flaking</td>
<td></td>
</tr>
<tr>
<td>72 hrs. 3B on each 5 – 15% Flaking on edges</td>
<td>72 hrs. 5B on each 0% Flaking</td>
<td></td>
</tr>
<tr>
<td>96 hrs. 5B on each 0% Flaking</td>
<td>96 hrs. 5B on each 0% Flaking</td>
<td></td>
</tr>
</tbody>
</table>

**Ratings**

5B The edges of the cuts are completely smooth; none of the squares of the lattice is detached.
4B Small flakes of the coating are detached at intersections; less than 5% of the area is affected.
3B Small flakes of the coating are detached along edges and at intersections of cuts. The area affected is 5 to 15% of the lattice.
2B The coating has flaked along the edges and on parts of the squares. The area affected is 15 to 35% of the lattice.
1B The coating has flaked along the edges of cuts in large ribbons and whole squares have detached. The area affected is 35 to 65% of the lattice.
0B Flaking and detachment worse than Grade 1.
FInal Test Report

Prepared For: Kleer Lumber LLC
44 Greif Way
Westfield, MA 01085

Attention Of: Mr. Rob Shugdinis

Product Tested:
The client supplied samples of Plastic squares 6" length by 6" wide and ¾" thick to be painted. Behr 100% Acrylic paint in the shade Deep Jungle Green was purchased from Home Depot in the finishes Exterior Flat, and Exterior Satin Enamel for testing.

Test Performed:
- Measuring Adhesion by Tape Test: ASTM D3359-02 / Client Specification

Test Results:
See “Summary of Test Results,” attached.

Ronald J. Haber
Laboratory Manager
Consumer Product Testing

Thomas J. Harney
Manager, Technical Services
Consumer Product Testing
Coatings Research Group, Inc.
6801 Brecksville Road, Suite 225
Independence, Ohio 44131-5032 USA
216-447-9122
Fax 216-447-9239

August 17, 2006

Mr. Ronald B. Child, VP
Compliance & Regulatory Affairs
California Products Corporation
150 Dascomb Rd
Andover, MA 01810

Dear Mr. Child,

California Products Corp. requested that CRGI evaluate six paints for adhesion to Kleer composite trim boards.

Adhesion results can be found in the attached table. The following paints showed excellent adhesion to the Kleer composite trim boards (0% paint removed):

- Fres-Coat Velvet Flat 100% Acrylic House Paint (45000)
- Fres-Coat Lo-Lustre 100% Acrylic Latex House Paint (45500)
- Fres-Coat Semi-Gloss 100% Acrylic Latex House & Trim Paint (47100)
- 2010 100% Acrylic Latex House & Trim Satin Gloss Finish (40200)

Please feel free to contact me if you need further information.

Sincerely,

Brenda Klein
CRGI Coatings Chemist
### Adhesion of California Paints to Kleer Composite Trim Boards

<table>
<thead>
<tr>
<th>Product Number</th>
<th>California Paint Exterior Paints</th>
<th>ASTM D 3359-02 Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>45000</td>
<td>Fres-Coat Velvet 100% Acrylic Latex House Paint (White)</td>
<td>5B</td>
</tr>
<tr>
<td>45500</td>
<td>Fres-Coat Lo-Luster 100% Acrylic Latex House Paint (White)</td>
<td>5B</td>
</tr>
<tr>
<td>47100</td>
<td>Fres-Coat S/G 100% Acrylic Latex House &amp; Trim Paint (White)</td>
<td>5B</td>
</tr>
<tr>
<td>40000</td>
<td>2010 100% Acrylic Latex House Paint Velvet Finish (White)</td>
<td>4B</td>
</tr>
<tr>
<td>40100</td>
<td>2010 100% Acrylic Latex House &amp; Trim Eggshell Paint (White)</td>
<td>4B</td>
</tr>
<tr>
<td>40200</td>
<td>2010 100% Acrylic Latex House &amp; Trim Satin Gloss Paint (White)</td>
<td>5B</td>
</tr>
</tbody>
</table>

Kleer panels were cleaned with mild soap and water to remove dirt, grease and other surface contaminants. Two coats of paint were applied to the boards with a 24-hour dry time between coats. Panels were cured for 14 days at 77°F prior to testing. Paints were tested for adhesion via ASTM 3359-02 Test Method B-Cross-Cut Tape Test. Paints were rated using the following scale:

- **5B**: 0% Removed
- **4B**: Less than 5% Removed
- **3B**: 5-15% Removed
- **2B**: 15-35% Removed
- **1B**: 35-65% Removed
- **0B**: Greater than 65% Removed