INSPECTION AND TEST REPORT FOR CABINETS
TO DETERMINE COMPLIANCE WITH
ANSI/KCMA A161.1-2000

Laboratory Name: TTL, Inc.
Laboratory Personnel: Frank Upchurch
Date: August 2, 2010 Lab Ref. No. 1112 Retest of Ref. No. N/A
Cabinet Manufacturer: Tru-Wood Cabinets, Inc., 41778 Highway 77N, Ashland, AL 36257
Name of Cabinet: Olon Raised Panel
Type of Test: Special

The tested cabinet complies with ANSI/KCMA A161.1-2000

General Information and Initial Inspection

Date Cabinet Received: July 5, 2010
Condition of Cabinet when Unpacked: Good
ANS Label on Not Used
Date Testing Started July 25, 2010 Completed August 2, 2010

If ready to assemble cabinet:
Wall unit pieces complete N/A
Base unit pieces complete N/A
Assembly instructions complete N/A

Inspection and Test Results

2.0 General Construction Requirements

2.1 Cabinets fully enclosed
2.2 Equipment cabinet has access panel
2.3 Toe space minimum 51mm (2") deep and 76mm (3") high
2.4 Utility cabinets same as base and wall cabinets
2.5 Doors:
    Properly aligned with cabinet
    Close without excessive binding
    Have means of closure

2.6 Cabinet Construction

2.6.1 All materials of sufficient thickness for rigidity
2.6.2 Face frames provide rigid construction
2.6.3 Frameless cabinet components provide rigid construction
2.6.4 Corner or linear bracing where necessary

2.8 Moisture content of wooden parts less than 10%
2.9 Exposed construction joints meet tolerance shown in
drawings 2.9A, 2.9B, 2.9C, and 2.9D
3.0 General Test Requirements
3.1 Installation instructions included with cabinet
3.2 Average room temperature during testing
   Average relative humidity during testing
   
4.0 Hardware
   Letter on file indicating finish compliance with ANSI A156.9-1994
   
5.0 Structural Tests for Cabinets
5.1 Static Loading of Shelves and Bottoms
   Deflection (inches)
   Unit
   Wall - top shelf
   Wall - middle shelf
   Wall - bottom
   Base - shelf
   Base - bottom
   
5.2 Static Loading for Wall Cabinet
   Load (pounds)
   Required 500 Actual
   
5.3 Base Front Joint Loading
5.4 Impact on Shelves, Cabinet and Drawer Bottoms
5.5 Impact on Base Cabinet Front and Door
   
6.0 Door Operating Tests
6.1 Door Racking and Hinge Set
   Amount of set
   Hinges not visibly damaged
   Connections not loose
   
6.2 Door-Holding Device and Hinge Operation
   Sag or Deflection (inches)
   Door and holding device operable
   Amount of sag of door
   Hinges not visibly damaged
   Connections not loose
   
7.0 Drawer Operation Tests
7.1 Drawer Operation
   Drawer operable at end of test
   No failure of drawer assembly or operating assembly
   No operation interference - drawer bottom deflection
   
7.2 Drawer-Closing Impact
   No looseness or damage to drawer front assembly that
   impairs operation of drawer

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8.0 Finish Specifications

8.2 Appearance - Exterior exposed surfaces

- Free of saw marks and other imperfections
- Exposed surfaces filled, sanded, edge banded, of otherwise finished
- Free of finish defects (runs, orange peel, fatty edges, blushing, etc.)
- Clean - free of excessive scratches and residue
- Touch up colors match surrounding areas
- Free of printing caused by packing material
- Nails and staples set and holes filled

Appearance - Interior exposed surfaces

- Free of saw marks
- Free of poor workmanship
- Exposed surfaces covered or finished

9.0 Finish Tests

9.1 Shrinkage and Heat Resistance

| Initial examination | Pass |
| 14 day reexamination | Pass |

9.2 Hot and Cold Check Resistance

| Initial examination | Pass |
| 14 day reexamination | Pass |

9.3 Chemical tests (P=Pass, F=Fail)

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Door Front</th>
<th>Drawer Front</th>
<th>Front Frame</th>
<th>End Panel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Initial</td>
<td>14-day</td>
<td>Initial</td>
<td>14-day</td>
</tr>
<tr>
<td>Vinegar</td>
<td>Pass</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lemon Juice</td>
<td>Pass</td>
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<td></td>
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<tr>
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<tr>
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<tr>
<td>Coffee</td>
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<tr>
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<tr>
<td>Detergent/Water</td>
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<tr>
<td>Mustard</td>
<td>Pass</td>
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</tr>
</tbody>
</table>

Final chemical results | Pass |

9.4 Detergent and Water Resistance

| Initial examination | Pass |
| 14 day reexamination | Pass |
Picture of Cabinets

Explanation of Failures

If checked at left, see Appendix A for comments on 9.3 and/or 9.4.