



**Test Report**

No.: SHHG1103002568BM

Date: MAR.21,2011

Page: 1 of 3

AGILENT INTERNATIONAL CO.,LIMITED

MSH 2896 RM 1007,10/F HO KING CTR 2-16 FA YUEN ST.MONG KOK KL.HK

The following sample(s) was/were submitted and identified by the client as:

Sample Description : LAMINATE FLOORING  
Style/ Item No. : FORTHFLOOR PRATIC  
P.O. No. : LOTE 63  
Country of Origin : CHINA  
Sample Receiving Date : MAR.11,2011  
Testing Period : MAR.11,2011 TO MAR.21,2011  
Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT  
Test Requested : ABRASION RESISTANCE (REFER TO EN 13329-2006+A1:2008 ANNEX E)  
Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)  
Conclusion : THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT.

\*\*\*\*\*

Signed for and on behalf of  
SGS-CSTC Ltd.

Rainbow Wang  
Section Head

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Page: 2 of 3

**Test Conducted:**

**Abrasion resistance (Refer to EN 13329-2006+A1:2008 Annex E)**

Test Item	Test Method/Requirement	Rating/ Result																																		
<b>EN 13329:2006+A1:2008 Annex E</b>																																				
<b>Abrasion resistance</b>	Prepare two wheels with preconditioned unused abrasive paper from the same batch previously approved by calibration. Lower the wheels, start the suction device and abrade the test specimen. Examine the test specimen for abrasion after each 100 revolutions and renew the abrasive papers after every 200 revolutions. Continue the test in this way until the initial wear point (IP) is reached. The initial wear point is reached when there are areas of at least 0.60 mm <sup>2</sup> wear-through in two quadrants and an area of 0.60 mm <sup>2</sup> wear-through becomes visible in a third quadrant. Record the number of revolutions as the IP-value. Repeat the test immediately using the two remaining tests immediately using the two remaining test specimens.	Pass Claimed Abrasion class: AC3  Measured Abrasion class: AC3 (Average IP value:3600)																																		
	<table border="1"> <tr> <td>Abrasion class</td> <td>AC1</td> <td>AC2</td> <td>AC3</td> <td>AC4</td> <td>AC5</td> <td>AC6</td> </tr> <tr> <td>Average IP-value</td> <td>≥90 0</td> <td>≥150 0</td> <td>≥200 0</td> <td>≥400 0</td> <td>≥600 0</td> <td>8500</td> </tr> </table>	Abrasion class	AC1	AC2	AC3	AC4	AC5	AC6	Average IP-value	≥90 0	≥150 0	≥200 0	≥400 0	≥600 0	8500																					
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	<p><b>Classification requirements for Class 21(Domestic Moderate) to Class 33 (Commercial Heavy) Requirement:</b></p> <table border="1"> <tr> <th colspan="7">Levels of use</th> </tr> <tr> <th colspan="3">Domestic</th> <th colspan="4">Commercial</th> </tr> <tr> <th>Mod.</th> <th>Gen.</th> <th>Hea.</th> <th>Mod.</th> <th>Gen.</th> <th>Hea</th> <th>V.Hea</th> </tr> <tr> <td>21</td> <td>22</td> <td>23</td> <td>31</td> <td>32</td> <td>33</td> <td>34</td> </tr> <tr> <td>AC1</td> <td>AC2</td> <td>AC3</td> <td>AC3</td> <td>AC4</td> <td>AC5</td> <td>AC6</td> </tr> </table>	Levels of use							Domestic			Commercial				Mod.	Gen.	Hea.	Mod.	Gen.	Hea	V.Hea	21	22	23	31	32	33	34	AC1	AC2	AC3	AC3	AC4	AC5	AC6
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Page: 3 of 3

### Sample Photo:

Test sample (front View)



Test sample (back View)



\*\*\*End of Report\*\*\*

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