



Test Report

No.: SHHG1104009352BM

Date: MAY.11,2011

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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 No. : FORTHFLOOR ACUSTIC
P.O. No. : LOTE 22
Country of Origin : CHINA
Sample Receiving Date : MAY.04,2011
Testing Period : MAY.04,2011 TO MAY.11,2011
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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Test Conducted :

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

Test Item	Test Method/Requirement	Rating/ Result																																							
EN 13329:2006+A1:2008 Annex E																																									
Abrasion resistance	<p>Prepare two wheels with preconditioned unused abrasive paper from the same batch previously approved by calibration.</p> <p>Lower the wheels, start the suction device and abrade the test specimen.</p> <p>Examine the test specimen for abrasion after each 100 revolutions and renew the abrasive papers after every 200 revolutions.</p> <p>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 mm² wear-through in two quadrants and an area of 0.60 mm² wear-through becomes visible in a third quadrant.</p> <p>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.</p>	<p>Pass Claimed Abrasion class: AC4</p> <p>Measured Abrasion class: AC4 (Average IP value:4600)</p>																																							
	<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>Classification requirements for Class 21(Domestic Moderate) to Class 33 (Commercial Heavy)</p> <p>Requirement:</p> <table border="1"> <thead> <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> </thead> <tbody> <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> </tbody> </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
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Sample Photo:

Test sample (front View)



Test sample (back View)



End of Report

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