

## Test Report

No.: SHD201029472

Date: SEP.29,2010

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. HONGKANG

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

Sample Description : LAMINATE FLOORING  
Sample Receiving Date : SEP.21,2010  
Testing Period : SEP.21,2010 TO SEP.29,2010  
Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT  
Test Requested : ABRASION RESISTANCE (ACCORDING 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:**
**1. Abrasion resistance (according to EN 13329-2006+A1:2008, annex E)**

Clause	Test Method/Requirement	Rating/ Result																																			
<b>4.2 Classification requirements for Class 21(Domestic Moderate ) to Class 33 (Commercial Heavy)</b>																																					
<b>EN 13329:2006+A1:2008 Annex E</b>																																					
Abrasion resistance	Prepare two wheels with preconditioned unused abrasive paper from the same batch previously approved by calibration.	Claimed: Abrasion AC4  Measured: (Average IP value: 5500 Abrasion class: AC4 )																																			
	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.																																				
	<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</td> <td>≥90</td> <td>≥150</td> <td>≥200</td> <td>≥400</td> <td>≥600</td> <td>8500</td> </tr> <tr> <td>IP-value</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> </table>	Abrasion class	AC1	AC2	AC3	AC4	AC5	AC6	Average	≥90	≥150	≥200	≥400	≥600	8500	IP-value	0	0	0	0	0																
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## Test Report

No.: SHD201029472

Date: SEP.29.2010

Page: 3 of 3

### Sample Photo:

Sample 1



Sample 2



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

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