



Test Report

No.: SHHG1211043338BM

Date: NOV.28,2012

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 73
Country of Origin : CHINA
Sample Receiving Date : NOV.23,2012
Testing Period : NOV.23,2012 TO NOV.28,2012
Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT
Test Requested : RESISTANCE TO ABRASION
(EN13329:2006 + 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.

Steven Xi
Lab Manager

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



SGS-CSTC Standards Technical Services Co., Ltd.
Shanghai Branch Laboratory

3rd Building, No. 889, Yishan Road, Xuhui District Shanghai, China 200233
中国·上海·徐汇区宜山路889号3号楼

t (86-21)61402666*2013
t (86-21)61402666*2013

f (86-21)54500353
f (86-21)54500353
e sgs.china@sgs.com

Member of the SGS Group (SGS SA)



Test Report

No.: SHHG1211043338BM

Date: NOV.28,2012

Page: 2 of 3

Test Conducted :

Resistance to Abrasion (EN13329:2006+ A1:2008, Annex E)

Test Property	Test Method	Test principles/requirements	Rating/Result												
Resistance to Abrasion	EN13329:2006+ A1:2008, Annex E	<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> <table border="1"> <thead> <tr> <th>Abrasion class</th> <th>AC1</th> <th>AC2</th> <th>AC3</th> <th>AC4</th> <th>AC5</th> </tr> </thead> <tbody> <tr> <td>Average IP-value</td> <td>≥900</td> <td>≥1500</td> <td>≥2000</td> <td>≥4000</td> <td>≥6000</td> </tr> </tbody> </table>	Abrasion class	AC1	AC2	AC3	AC4	AC5	Average IP-value	≥900	≥1500	≥2000	≥4000	≥6000	<p>Pass</p> <p>Claimed Abrasion class: AC3</p> <p>Actual test average IP-value: 2200 cycles</p> <p>Abrasion class: AC3</p>
Abrasion class	AC1	AC2	AC3	AC4	AC5										
Average IP-value	≥900	≥1500	≥2000	≥4000	≥6000										

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Test Report

No.: SHHG1211043338BM

Date: NOV.28,2012

Page: 3 of 3

Sample Photo:

Test sample (front View)



Test sample (back View)
(FORTHFLOOR PRATIC AC3 CHINA 2012/10/27
08:11:39 73)



End of Report

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and, within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.