TEST REPORT

No. : SHCCM140901752
Date : Sep. 11, 2014

LG HAUSYS, LTD.
ONE IFC, 10, GOOKJEGEUMYOONG-RO, YEONGDEUNGPO-GU, SEOUL, 150-876, KOREA

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

Sample Name	:	DECO CLICK
Sample Number	:	SHCCM140901752
Test Required	:	Determination of dimensional stability and curing after exposure to heat
Test Standard	:	EN ISO 23999:2012
Material and Mark	:	PVC
Others	:	SGS KR File No.; AYAA14-41438
Date of Receipt	:	Sep. 04, 2014
Test Period	:	Sep. 04, 2014 to Sep. 11, 2014
Test result(s)	:	For further details, please refer to the following page(s)

******** To be continued********

Signed for SGS-CSTC Standards
Technical Services (Shanghai) Co., Ltd.

Vivien Zhang

Vivien Zhang
Authorized signatory

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Test Conducted:

Determination of dimensional stability and curing after exposure to heat (EN ISO 23999:2012)

Test Property	Test procedures/requirements	Rating/ Result
Determination of dimensional stability and curing after exposure to heat (EN ISO 23999:2012)	1 .Store the test pieces for 360+15 min in the oven, which had previously been stabilized at (80±2) ℃. 2. Remove the metal plates bearing the test pieces from the oven. Allow these to cool and recondition at a temperature of (23±2) ℃ and relative humidity (50±5) % for a further 24 h, unless otherwise specified for the product. 3. After reconditioning, measure the dimensional changes to the test specimen. 4. For curling stability, express the results in millimeters to the nearest 0.5 mm. Measure the vertical distance between the support plate and the wear surface of the test specimen in four places around the edge (usually the corners), where the distance is greatest. Carry out the measurements with the micrometer. 5. For dimensional stability, express it both as a percentage to the nearest 0.05 %. For each of the test directions, record the variations for the six length measurement (two readings from three test specimens). Calculate the dimensional change for each measurement section related to the initial length. The linear change, expressed as a percentage, is given by the Equation as follows: $$\frac{(L_0 - L_1)}{L_0} \times 100$$ L_0 is the initial length L_1 is the length after test	Average Curling: 0.1mm Average Dimensional change: 0.15%

******** To be continued********

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Statement: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Sample Photo:

******** End of report ********

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