

TEST REPORT

No. : GZCCM130200108

Date : Mar.12, 2013

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BINZHOU SUNSHIEN WPC., LTD

XIXIAOWANG TOWN INDUSTRIAL PARK, WUDI COUNTY, BINZHOU CITY, SHANGDONG PROVINCE

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

Sample Name : SUNSHIEN WPC DECKING
Product specification : 150*26mm
Product or Lot No. : SXH-003
Manufacturer : BINZHOU SUNSHIEN WPC., LTD
SGS Ref. No. : SHCCM130200315 CANCCM1301885701 CANMLC1301885702
Test Performed : Selected test(s) as requested by applicant
Date of Receipt : Feb 04, 2013
Test Period : Feb 04, 2013 to Feb 27, 2013

Test result(s) : Please refer to the following page(s)

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

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co.,Ltd
Guangzhou Branch Testing Center

Jimmy Chan
Engineer

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Test Information:

Sample description: See photo

1. Slip resistance

Test method: EN 14041:2004/AC: 2006 Clause 4.5 and EN 13893:2002

Test condition:

Specimen thickness: 22.90mm

Total mass of loaded slider: 10.0kg

Testing speed: 0.26m/s

Test result:

Result	Requirement in EN 14041	Conclusion
Dynamic coefficient of friction: 0.33	The floor covering intended to be used in dry and non-contaminated conditions shall have a dynamic coefficient of friction of ≥ 0.30 when tested ex-factory under dry conditions in accordance with EN 13893 and shall be declared as technical class DS.	Technical class DS

2. Thermal conductivity

Test result:

Test method	Test condition		Test result
	Mean temperature (°C)	Temperature difference (°C)	Thermal conductivity [W/(m·K)]
EN 12667:2001	25.52	9.86	0.256
Remark	The test result can not be compared with other results obtained from different test conditions, and should not be cited to the use condition directly.		

Note: This test item was carried out by a SGS laboratory.

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

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3. Formaldehyde content

Test Method: With reference to EN 717-1:2004, analysis was performed by UV-Vis.

<u>Test result(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Formaldehyde Emission (In air)	mg/m ³	0.080	ND

Notes:

- (1) mg/m³ = milligram per cubic meter
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated
- (5) Reference Limit: EN13986:2004(E)
Formaldehyde class E1: ≤0.124 mg/m³ air
Formaldehyde class E2: >0.124 mg/m³ air

4. Pentachlorophenol content

Test Item(s)	Unit	Test Method (Reference)	Result	MDL
Pentachlorophenol	mg/kg	EN14041:2004 ANNEX B & EN12673:1999, GC-MS	N.D.	5.0

Note:

1. N.D. = Not Detected (< MDL)
2. MDL = Method Detection Limit

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

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Photo:



Sample for test item 1



Sample for test item 2



Sample for test item 3 and item 4

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