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PRODUKT	Roughmark
UNTERLAGE	Anti-Rutsch-Laminat R10-Prüfbericht
TYP	report
ORIGINALSEITEN	6
STAND	16.06.2026
DATEI	products/roughmark/assets/documents/4da78330c170b668fac73708fa03cabe0b14ed028164ca9e0c8a505bcbdb28f6.pdf

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Originalinhalt ab der Folgeseite

Test Report

No.: SHHL2211051622CW Date: NOV. 21, 2022

Sample Description	: CPP OVERLAMINATE FILM
SGS Ref No.	: NBHL2211021141SD
Source of Sample	: SENT BY CLIENT.
Sample Receiving Date	: NOV. 11, 2022
Testing Period	: NOV. 11, 2022 TO NOV. 21, 2022
Testing Location	: 3RD. BUILDING, LANE 3999, XIUPU RD., PUDONG DISTRICT, SHANGHAI, CHINA

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Test Requested	Result
SLIP RESISTANCE (DIN 51130:2014)	SEE RESULT

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

scan to see the report

SHHL2211051622CW

Sky Zhang
Authorized Signatory

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Test Conducted:

Slip resistance (DIN 51130:2014)

Test Property	Test procedure/requirements	Rating/ Result
SLIP RESISTANCE	Prepare the test sample as the size of 100cm x 50cm, cleaning the surface before test. The temperature of the lab, shoes, lubricant and the decorative panels should be kept at （23 ± 5）℃ Before test, apply a layer of lubricant on the surface of the decorative panels evenly with a brush, the density should be（200 ± 20）ml every square meter, the outer bottom of the shoes should also be covered with lubricant.  ***Illustration 1–bottom of the shoes for inspect*** Inspector should maintain upright posture and walk forward and backward on the decorative panels while watch below, stride width should reach half the length of the shoes. Start from the horizontality; Increase the angle of inclination of the panels at a angular velocity of about one degree every second. Inspector will linger at critical areas many times to determine the reliable walk limit inclination angle he or she can reached, repeat the above procedure three times and start from the horizontality every time. Before the second and the third time, reapply the lubricant on the surface as above with the brush. ***1.Calibration of the test person*** 1. Each inspectors should walk on the every standard flooring for three times, then calculate the average angle respectively： ① αKST-Ij ②αKST-IIj ③αKST-IIIj	α:17.9° Rating: R10

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Test Property	Test procedure/requirements	Rating/ Result

2. The difference value will be calculated: ΔαST-Ij, ΔαST-IIj, ΔαST- IIIAj. If the difference value is out of range of CrD95，the inspector should be eliminated See below table 1

Table 1

Standard flooring		
i	αS,i	CrD95
St-I	8.7°	3.0°
St-II	17.3°	3.0°
St-IIIA	27.3°	3.0°

2．Test for sample

Two qualified inspector selected as above walk on the sample panels for three times respectively,, then calculate the mean value α0.1 and α0.2,, then calculate the corrected value Dj according to below table 2..

Table 2

Case	Corrected value Dj
$\alpha_{0,1} < \alpha_{K,St-I,1}$	$D_1 = \Delta\alpha_{St-I,1} \cdot \frac{1}{\sqrt{2}}$
$\alpha_{K,St-I,1} \leq \alpha_{0,1} < \alpha_{K,St-II,1}$	$D_1 = \left[\Delta\alpha_{St-I,1} + (\Delta\alpha_{St-II,1} - \Delta\alpha_{St-I,1}) \cdot \frac{\alpha_{0,1} - \alpha_{K,St-I,1}}{\alpha_{K,St-II,1} - \alpha_{K,St-I,1}}\right] \cdot \frac{1}{\sqrt{2}}$
$\alpha_{K,St-II,1} \leq \alpha_{0,1} < \alpha_{K,St-IIIA,1}$	$D_1 = \left[\Delta\alpha_{St-II,1} + (\Delta\alpha_{St-IIIA,1} - \Delta\alpha_{St-II,1}) \cdot \frac{\alpha_{0,1} - \alpha_{K,St-II,1}}{\alpha_{K,St-IIIA,1} - \alpha_{K,St-II,1}}\right] \cdot \frac{1}{\sqrt{2}}$
$\alpha_{K,St-IIIA,1} \leq \alpha_{0,1}$	$D_1 = \Delta\alpha_{St-IIIA,1} \cdot \frac{1}{\sqrt{2}}$

The result for inspector j：αj=α0,j+Dj

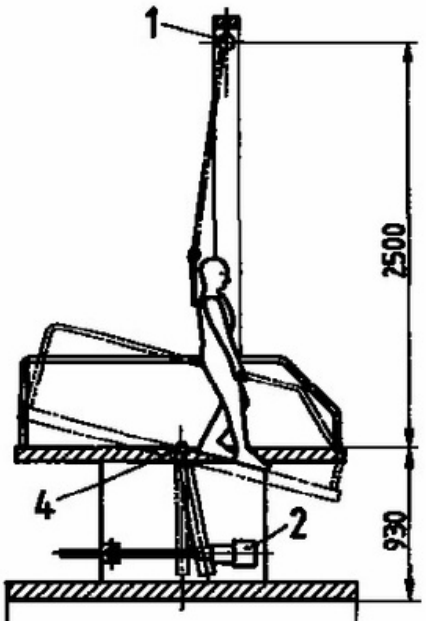
The final result for the two inspectors: α=（α1+α2）/2,on this basis and according to table 3,give a final rating ofslip resistance.

Test Property	Test procedure/requirements	Rating/ Result

Table3 –The relation between the corrected overall angle and the rating of the slip resistance

α	Rating
6°<α≤10°	R 9
10°<α≤19°	R 10
19°<α≤27°	R 11
27°<α≤35°	R 12
α>35°	R 13

Illustration 2 inspect device with safety mechanism（inclined plane)



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1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
2. The declaration of conformity is based on acceptance limits chosen based on simple acceptance (= 0, =).
   Statements of conformity are reported as:
   Passed - The measured values were observed in tolerance at the points tested.
   Failed - One or more measured values were observed out of tolerance at the points tested.

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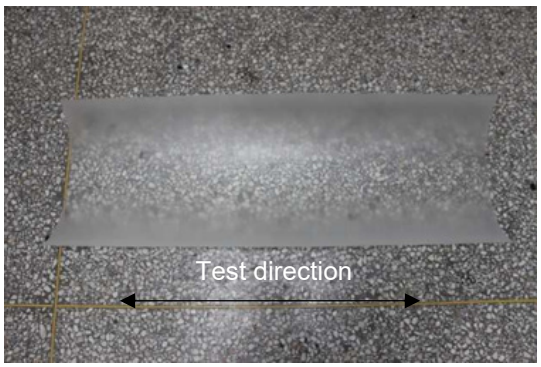
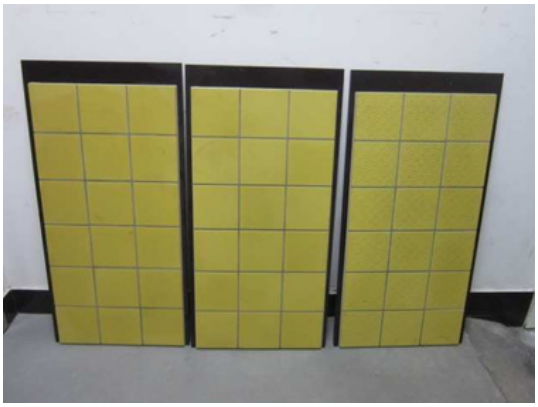
Sample Photo:

Test sample



Standard floor



Test shoe

SGS authenticate the photo on original report only

End of Report

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