# Deko Floors Ltd.

# TEST REPORT

**SCOPE OF WORK**
Deko Natural&Deko StyleX

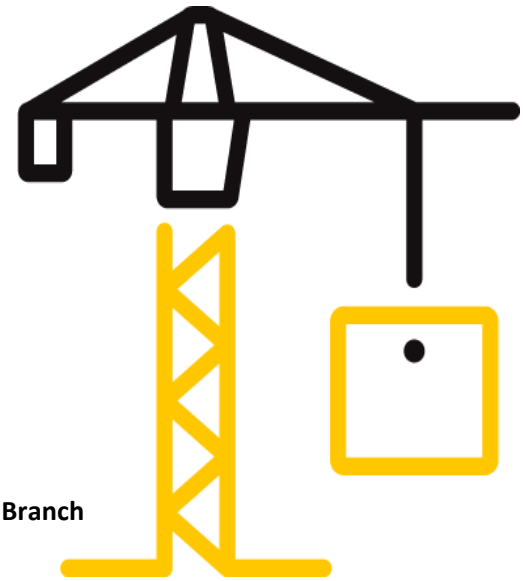
**REPORT NUMBER**
240929009SHF-001

**TEST DATE(S)**
2024-09-29 - 2024-10-25

**ORIGINAL ISSUE DATE**
2024-10-25

**PAGES**
8

**DOCUMENT CONTROL NUMBER**
LFT-APAC-SHF-OP-10l(February 1, 2024)

**Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch**

# Test Report

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# Test Report

Original Issue Date: 2024-10-25 Intertek Report No. 240929009SHF-001

Applicant: Deko Floors Ltd.

Address: 3/107 Harris Rd, Auckland New Zealand.

Attn: Som Bansal

Test Type: Performance test, samples provided by the applicant.

**Product Information**

| Product Name | Model | Specification |
|---|---|---|
| Deko Natural&Deko StyleX | / | 1540*230*6.5+2mm |
| **Sample ID** | **Sample Amount** | **Sample Received Date** |
| S240929009SHF.001~004 | 8 pcs | 2024-09-26 |
| **Sample Description** | | |
| 1540*230*6.5+2mm | | |

**Test Methods And Standards**

| | |
|---|---|
| **Test Standard** | ASTM D2047-17, ASTM F2199-20, ASTM E2180-18, ASTM F1265-03a(2020) |
| **Specification Standard** | / |
| **Test Conclusion** | The samples were tested according to the above standards, and the results are shown in the following page. |

Note:

1.This report does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

**Report Authorized**

Name: Daniel Zhang Name: Jackie Zhou

Title: Reviewer Title: Project Engineer

# Test Report

Original Issue Date: 2024-10-25 Intertek Report No. 240929009SHF-001

**Test Items, Method and Results:**

| Test Item | Test Method | Test Result |
|---|---|---|
| Static Coefficient of Friction (Standard Leather) | ASTM D2047-17 | Dry: 0.52 |

# Test Report

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**Test Items, Method and Results:**

Test Item: Dimensional stability and curling

Test Method: ASTM F2199-20

Conditioning:

Temperature: 23 °C

Relative humidity: 50 %

Duration: 24 h

Measure the initial length and curling

Test Condition:

Temperature: 82 °C

Duration: 6 h

Reconditioning:

Temperature: 23 °C

Relative humidity: 50 %

Duration: 24 h

Measure the final length and curling

Test Result:

| Specimen | Dimensional stability (%) | | Curling (in) |
|---|---|---|---|
| | Length direction/Machine direction | Width direction/Across machine direction | |
| 1 | -0.08 | 0.03 | 0.009 |
| 2 | -0.08 | 0.01 | 0.011 |
| 3 | -0.06 | 0.01 | 0.007 |
| Average | -0.07 | 0.02 | 0.009 |
| Max. | -0.08 | 0.03 | 0.011 |

Note:

1. Dimensional stability = (final length - initial length)×100/initial length

A negative value indicates shrinkage, and a positive value indicates expansion.

2. Curling = final curling - initial curling = Curl

Express the average value to the nearest 0.001in

# Test Report

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**Test Items, Method and Results:**

Test item: Anti-Bacterial test

Test method: ASTM E2180-18 Standard Test Method for Determining the Activity of Incorporated Antimicrobial Agent(s) In Polymeric or Hydrophobic Materials

Test organism: Staphylococcus aureus ATCC 6538; Klebsiella pneumoniae ATCC 4352

Test surface: Wood grain surface

Test result:

| Test organism | A | a | B | b | Percent Reduction (%) |
|---|---|---|---|---|---|
| Klebsiella pneumoniae ATCC 4352 | 6.5 | $3.2\times10^{6}$ | 5.3 | $2.1\times10^{5}$ | 93.4 |
| Staphylococcus aureus ATCC 6538 | 6.0 | $1.1\times10^{6}$ | 5.6 | $4.1\times10^{5}$ | 62.7 |

Note:

1. Volume of test inoculum: 0.5mL

2. Concentration of test inoculum(CFU/mL): Staphylococcus aureus ($1.7\times10^{6}$), Klebsiella pneumoniae ($1.9\times10^{6}$)

3. A = The geometric mean of the number of organisms recovered from the triplicate incubation period 24h control samples
   B = The geometric mean of the number of organisms recovered from the triplicate incubation period 24h treated samples
   a = the antilog of A
   b = the antilog of B

4. Percent reduction, % = (a-b)×100%/a

5. Test item was subcontracted on accreditation by CNAS L0823.

# Test Report

Original Issue Date: 2024-10-25 Intertek Report No. 240929009SHF-001

**Test Items, Method and Results:**

Test Item: Impact resistance

Test Method: ASTM F1265-03a(2020)

Test Condition:

| | |
|---|---|
| Impactor: | Steel cylinder with diameter of 25.4mm, weight 159g |
| Falling height: | 500 mm |
| Drop times: | 4 |
| Test specimen: | Two pieces, specimens were positioned 90° from each other |
| Specimen thickness: | 8.5 mm |

Test Result:

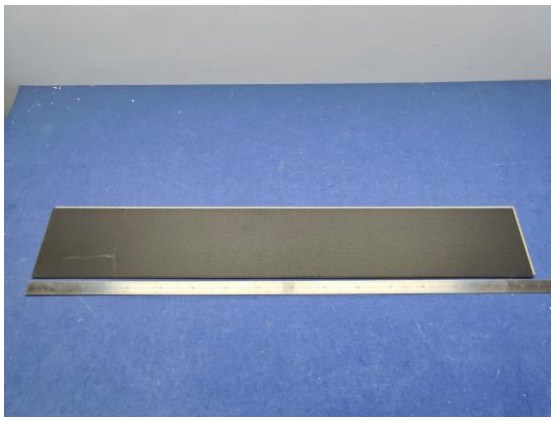
| Observation | Specimen | | Verdict |
|---|---|---|---|
| | 1 | 2 | |
| Break (yes/no) | No | No | Pass |
| Cracks extended beyond the coated circle (yes/no) | No | No | |

# Test Report

Original Issue Date: 2024-10-25 Intertek Report No. 240929009SHF-001

**Appendix A: Sample Received Photo**

Front view(Test surface)



Back view

**Revision:**

| NO. | Date | Changes |
|---|---|---|
| 240929009SHF-001 | 2024-10-25 | First issue |