

Area Floors Zemin Kaplamlari A.S.

TEST REPORT

SCOPE OF WORK

SPC FLOORING

REPORT NUMBER

250605015SHF-003

TEST DATE(S)

2025-06-05 - 2025-06-18

ORIGINAL ISSUE DATE

2025-06-18

PAGES

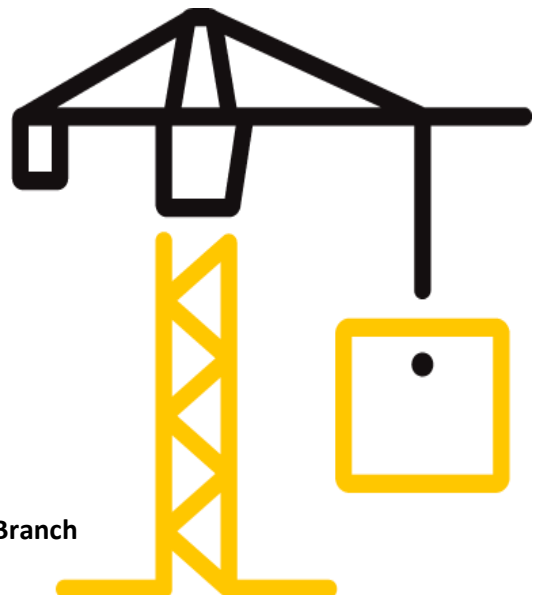
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DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(January 13, 2025)

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Test Report

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Test Report

Original Issue Date: 2025-06-18

Intertek Report No. 250605015SHF-003

Applicant: Area Floors Zemin Kaplamalari A.S.

Address: Ilgaz sokak 7, Omerli Mah, Arnavutkoy, Istanbul, Turkiye

Attn: Ferhat Calinalti

Manufacturer: Area Floors Zemin Kaplamalari A.S.

Address: Ilgaz sokak 7, Omerli Mah, Arnavutkoy, Istanbul, Turkiye

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

Product Information

Product Name	Model	Specification
SPC FLOORING	/	4/0,3+1
Sample ID	Sample Amount	Sample Received Date
S250605015SHF.014	40 pcs	2025-04-30
Sample Description		
1220x182x5mm		

Test Standard	ASTM E662-21a ^{ε1}
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

Sally Xie

Name: Sally Xie

Title: Reviewer



(1)

Daniel Zhang

Name: Daniel Zhang

Title: Project Engineer

Test Report

Original Issue Date: 2025-06-18

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Test Items, Method and Results:

1. Test Method:

ASTM E662-21a^{e1} Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials.

This test was conducted to evaluate smoke density. There is no pass fail criteria for this standard.

2. Test Specimens:

Test Specimen: 76 mm × 76 mm × 5.0 mm (length × width × thickness), 6pcs

Specimen conditioning: Pre-dry at 60±3°C for 24h, then condition to constant weight at 23±2°C and a relative humidity of 50±5%.

3. Test results and Observations:

3.1 Test specimens are exposed to the nonflaming condition

Irradiance: 2.50±0.05 W/cm²

Test result:

Parameter	Specimen 1	Specimen 2	Specimen 3	Average
Ds at 1.5 min:	0.0	0.0	0.0	0.0
Ds at 4 min:	27.0	32.0	31.0	30.0
Max. Ds (first 4 min):	27.0	32.0	31.0	30.0
Max. Ds Time (first 4 min):	03:56.9	03:59.7	03:59.1	03:58.6
Max. Ds:	262.0	265.0	283.0	270.0
Max. Ds Time:	15:32.3	15:57.1	16:13.7	15:54.4
Clear Beam Ds:	0.0	0.0	0.0	0.0
Corrected Max. Ds:	262.0	265.0	283.0	270.0
Average Backwall Temp (°C):	39.3	39.3	39.2	39.3
Min. Backwall Temp (°C):	36.8	36.8	36.9	36.8
Max. Backwall Temp (°C):	41.7	41.6	41.5	41.6

Specimen	Observations
1	1:24 Blistering on the surface is observed. 1:35 Discoloration is observed. 1:37 Smoke generation is observed.
2	1:19 Blistering on the surface is observed. 1:29 Discoloration is observed. 1:32 Smoke generation is observed.
3	1:22 Blistering on the surface is observed. 1:31 Discoloration is observed. 1:33 Smoke generation is observed.

Test Report

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Test Items, Method and Results:

3.2 Test specimens are exposed to the flaming condition

Irradiance: $2.50 \pm 0.05 \text{ W/cm}^2$

Test result:

Parameter	Specimen 1	Specimen 2	Specimen 3	Average
Ds at 1.5 min:	21.0	21.0	24.0	22.0
Ds at 4 min:	193.0	250.0	222.0	221.7
Max. Ds (first 4 min):	194.0	250.0	222.0	222.0
Max. Ds Time (first 4 min):	03:57.6	03:59.9	03:58.7	03:58.7
Max. Ds:	409.0	460.0	408.0	425.7
Max. Ds Time:	09:16.6	08:46.6	08:04.9	08:42.7
Clear Beam Ds:	0.0	0.0	0.0	0.0
Corrected Max. Ds:	409.0	460.0	408.0	425.7
Average Backwall Temp (°C):	40.1	40.6	40.5	40.4
Min. Backwall Temp (°C):	36.4	37.0	36.8	36.7
Max. Backwall Temp (°C):	43.4	43.8	43.6	43.6

Specimen	Observations
1	0:06 Flame with smoke generation on surface of specimen is observed. 8:40 Flame extinguished.
2	0:07 Flame with smoke generation on surface of specimen is observed. 9:22 Flame extinguished.
3	0:07 Flame with smoke generation on surface of specimen is observed. 8:53 Flame extinguished.

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Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes
250605015SHF-003	2025-06-18	First issue