EUROLAB®
Laboratory Services

TEST/ INSPECTION REPORT

EUROLAB LABORATORY SERVICES

TÜRCERT TEKNİK KONTROL VE BELGELENDİRME A.Ş.

5190243IB02

2020261045

Overall Rating: PASS

Report No: 2020261045
Brentano Pattern: TEMAE V220

Sample Accepted on: 19.10.2020
Report Date: 26.10.2020

Total number of pages: 5 (Pg)

	TEST	METHOD	RESULT	
*	Standard Test Method for Surface Burning Characteristics of Building Materials	ASTM E 84	PASS	
			Class A	
			FSI	SD
			21	170

Seal

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EUROLAB ® (TÜRCERT TEKNİK KONTROL VE BELGELENDİRME A.Ş.)

Environment

The requirements and standards apply to equipment intended for use in

X	Residential (domestic) environment
X	Commercial and light-industrial environment
X	Industrial environment
X	Medical environment

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RESULTS

SUMMARY OF TEST PROCEDURE

Upon ignition of the gas burners, the flame spread distance is observed and recorded every second. Flame spread distance versus time is plotted. Calculations ignore all flame front recessions and Flame Spread Index (FSI) is determined by calculating the total area under the curve for the test sample. If the area under the curve (A) is less than or equal to 97.5 min·ft, then FSI = 0.515·A; if greater, FSI = 4900/(195-A). FSI is then rounded to the nearest multiple of 5. Smoke Developed (SD) is determined by dividing the total area under the obscuration curve by that of red oak, and multiplying by 100. SD is then rounded to the nearest multiple of 5 if less than 200. SD values over 200 are rounded to the nearest multiple of 50. Section 5.1.9.1 of ASTM E 84-12c specifies a single combination of lamp and photocell to create the requisite optical system. It is anticipated that alternative, equivalent systems will be permitted in future revisions of the test standard. In May 2012, the Exova tunnel was modified to include a specially-designed optical measurement system that is utilized by many other tunnel systems worldwide. Although an improvement to performance and reliability is realized, as of this date the new system is not specifically recognized by ASTM E 84 so this represents a deviation to the test protocol.

TEST RESULTS

SAMPLE	Flame Spread Index (FSI)	Smoke Developed (SD)
" Tekstil Tabanlı Duvar Kağıdı "	21	170

Observations of Burning Characteristics

- The sample ignited approximately 56 seconds after exposure to the test flame.
- The flame front propagated to a maximum distance of 0.9 metres at approximately 93 seconds.

Classification:

	Flame-Spread Index	Smoke Development
Class 1 or A	0 - 25	450 Maximum
Class 2 or B	26 - 75	450 Maximum
Class 3 or C	76 - 200	450 Maximum

Note: This is an electronic copy of the report. Signatures are on file with the original report.

TÜRCERT TEKNİK KONTROL VE BELGELENDİRME A.Ş. TÜRCERT

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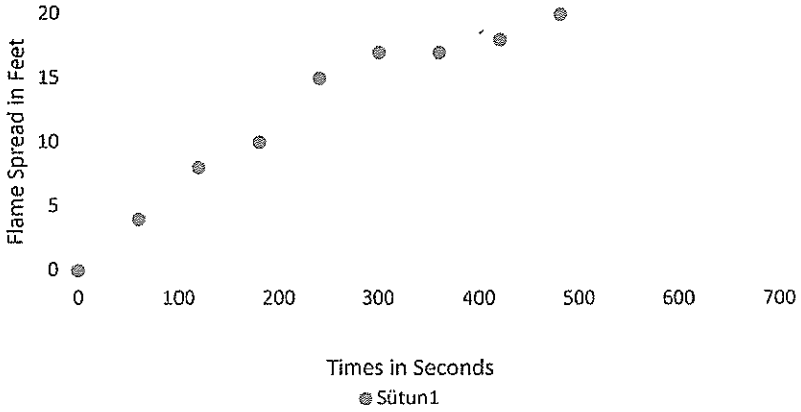
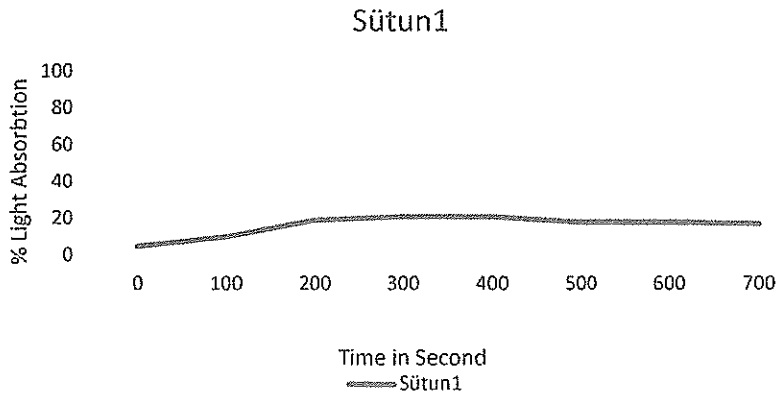
FLAME SPREAD INDEX



SMOKE DEVELOPED



Flame Spread (Index FSI)	Smoke Developed (SD)
21	170

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SAMPLE

**** End of Report ****

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