

## ALLIANZ TEKNİK EARTHQUAKE &amp; FIRE TEST AND TRAINING CENTER

Türk-Alman Üniversitesi, Şahinkaya Cad. No:90, 34820 Beykoz / İSTANBUL

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## TEST RAPORU

## TEST REPORT

AB-1601-T

FT-AZTEK-23-  
188-1

02-24

<b>Müşterinin Adı/Adresi</b> Customer Name/Address	: Stella İstanbul Dekorasyon Ltd. Şti. / Dilovası Organize Sanayi Bölgesi, 4.Kısım Karası Cad. 132 Ada, 5.Parsel, D4009 Sokak, Gebze/KOCAELİ
<b>Teklif Numarası</b> Order No.	: AZTEK-23-188
<b>Numunenin Adı Ve Tarifi</b> Name And Identity Of Test Item	: Acoustic Panel TREND 20
<b>Numunenin Kabul Tarihi</b> The Date Of Receipt Of Test Item	: 16.01.2024
<b>Uygulanan Standart / Metot</b> Applied Standard / Method	: EN ISO 11925-2:2020 Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test
<b>Açıklamalar</b> Remarks	: -
<b>Deneyin Yapıldığı Tarih</b> Date Of Test	: 16.02.2024 – 20.02.2024
<b>Raporun Sayfa Sayısı</b> Number Of Pages Of The Report	: 4 (four)

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**Mühür/Kaşe**  
Seal

**Yayımlandığı Tarih**  
Report Release Date

**Deney Sorumlusu**  
Person In Charge Of The Test

**Onaylayan / Tarih**  
Approval /Date

## TEST REPORT

## EN ISO 11925-2 Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test

Sponsor (Name / Address)	Stella İstanbul Dekorasyon Ltd. Şti. / Dilovası Organize Sanayi Bölgesi, 4.Kısım Karası Cad. 132 Ada, 5.Parsel, D4009 Sokak, Gebze/KOCAELİ
Manufacturer (Name / Address)	Stella İstanbul Dekorasyon Ltd. Şti. / Dilovası Organize Sanayi Bölgesi, 4.Kısım Karası Cad. 132 Ada, 5.Parsel, D4009 Sokak, Gebze/KOCAELİ
Test Laboratory (Name / Address)	Allianz Teknik Earthquake & Fire Test and Training Center / Türk-Alman Üniversitesi, Şahinkaya Cad. No:90, 34820 Beykoz - İSTANBUL

## Product and Test Details

Product Name	Acoustic panel TREND 20																						
Product Composition	The product consists of two layers. There is a wooden lath made of MDF plate on the front surface of the specimen. MDF plates have been coated with impregnated decorative papers. There is an insulation felt on the back surface of the specimen. Wooden laths are stapled on the insulation felts.																						
Product Details	<table><tr><td rowspan="5">Wooden Lath (Front Surface)</td><td>Type</td><td>MDF plate coated with impregnated decorative papers</td></tr><tr><td>Color</td><td>Brown</td></tr><tr><td>Thickness</td><td>12 mm</td></tr><tr><td>Density</td><td>800 kg/m<sup>3</sup></td></tr><tr><td>Mass Per Unit Area</td><td>9,96 kg/m<sup>2</sup></td></tr><tr><td rowspan="5">Insulation Felt (Back Surface)</td><td>Type</td><td>Polyester insulation felt</td></tr><tr><td>Color</td><td>Black</td></tr><tr><td>Thickness</td><td>8 mm</td></tr><tr><td>Density</td><td>1,3 kg/m<sup>3</sup></td></tr><tr><td>Mass Per Unit Area</td><td>1,3 kg/m<sup>2</sup></td></tr></table> <p>* Brand, type, product information and compositions mentioned in this report are provided by the test sponsor.</p>	Wooden Lath (Front Surface)	Type	MDF plate coated with impregnated decorative papers	Color	Brown	Thickness	12 mm	Density	800 kg/m <sup>3</sup>	Mass Per Unit Area	9,96 kg/m <sup>2</sup>	Insulation Felt (Back Surface)	Type	Polyester insulation felt	Color	Black	Thickness	8 mm	Density	1,3 kg/m <sup>3</sup>	Mass Per Unit Area	1,3 kg/m <sup>2</sup>
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	Density	1,3 kg/m <sup>3</sup>																					
	Mass Per Unit Area	1,3 kg/m <sup>2</sup>																					
Mounting Configuration of the Test Specimen	The test specimens were prepared by the client in the dimensions of 90 mm x 250 mm in accordance with EN ISO 11925-2 test standard.																						
Date of Sample Arrival	16.01.2024																						
Details of Conditioning	EN 13238:2010 Article 4.3.b – Minimum 4 weeks, (23 ± 2) °C and % (50 ± 5) relative humidity																						
Test Method	EN ISO 11925-2:2020																						
Date of Test	16.02.2024 – 20.02.2024																						

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**Test Results and Measured Values**

Exposure Conditions	Surface Exposure / Flame Application Time: 15 s					
Test Specimen No:	1	2	3	4	5	6
Ignition of the Test Specimen	Yes	Yes	Yes	Yes	Yes	Yes
Position of the Flame Front Exceeds 150 mm Above the Flame Application Point	No	No	No	No	No	No
Time of the Flame Reach 150 mm Above the Flame Application Point	-	-	-	-	-	-
Ignition of the Filter Paper	No	No	No	No	No	No

Exposure Conditions	Edge Exposure / Flame Application Time: 15 s					
Test Specimen No:	1	2	3	4	5	6
Ignition of the Test Specimen	Yes	Yes	Yes	Yes	Yes	Yes
Position of the Flame Front Exceeds 150 mm Above the Flame Application Point	No	No	No	No	No	No
Time of the Flame Reach 150 mm Above the Flame Application Point	-	-	-	-	-	-
Ignition of the Filter Paper	No	No	No	No	No	No

**Notes and Observation During the Test:**

- The surface and edge exposure tests have been performed for the both layers (Wooden lath & insulation felt)
- No flaming droplets and particles were observed.

**Definitions:**

The test results relate to the behaviour of the test specimen of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product of use. The results of tests are concerned only with the subject of testing.

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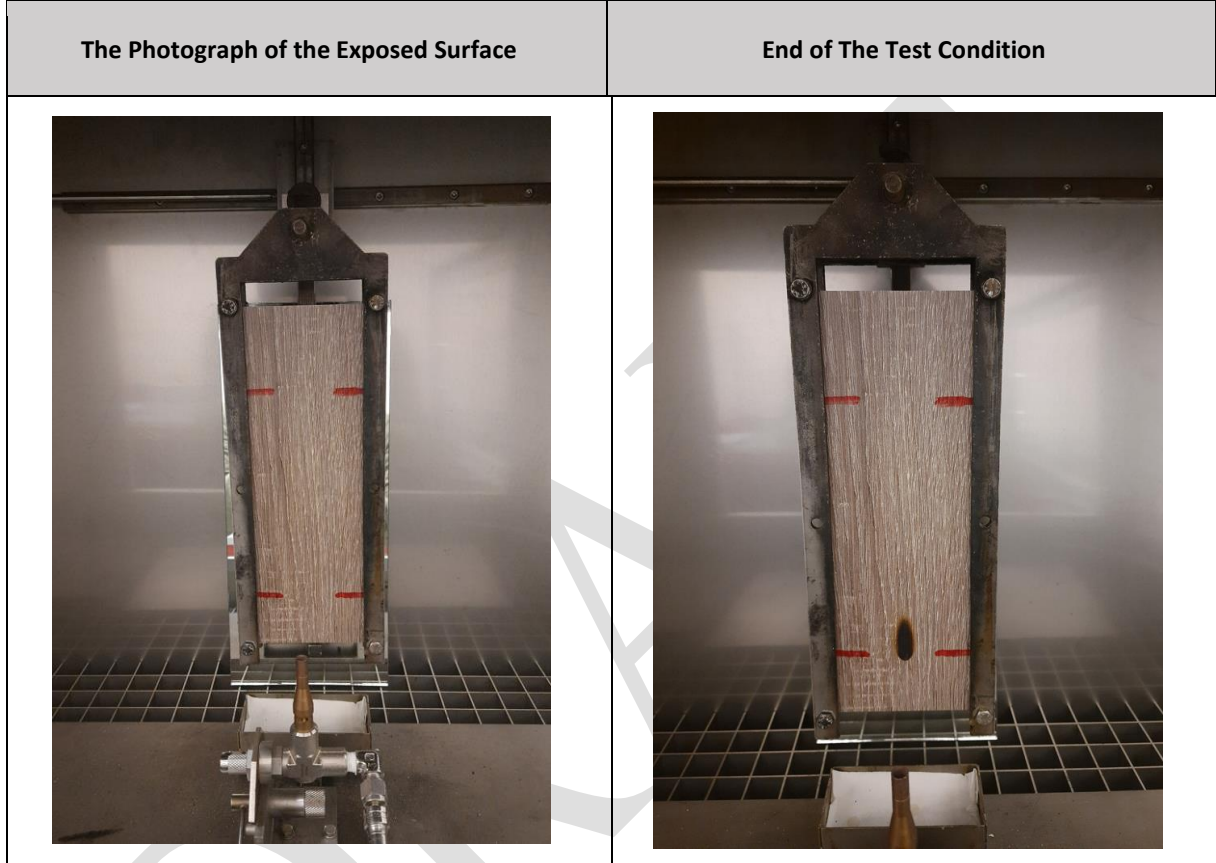
Brand, type, product information and compositions mentioned in this report are provided by the test sponsor. The test was performed without sampling in accordance with the EN ISO 11925-2 test standard.

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**Appendixes:**

Appendix No 1: The photographs of the exposed surface of the test specimen (Surface Exposure)

**Appendix No 1: Photos (Surface Application)**

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