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**EFFECTIS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.**  
Dilovası OSB Mah. Fırat Cad. No: 18 Dilovası / KOCAELİ

AB-0556-T

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03.02.2021

**DENEY RAPORU**  
TEST REPORT

**Müşterinin adı/adresi** : SARAY DÖKÜM VE MADENİ AKSAM SANAYİ TURİZM A.Ş.  
*Customer name/address* Bağlar Mah. Osman Paşa Cad. No:89 Bağcılar, İstanbul, TURKEY

**İstek numarası** : EEA-20-000398  
*Order No.*

**Numunenin adı ve tarifi** : SARAYBOND ALUMINUM COMPOSITE PANEL  
*Name and identity of test sample*

**Numunenin kabul tarihi** : 12.01.2021  
*The date of receipt of sample*

**Açıklamalar** :  
*Remarks*

**Deneyin yapıldığı tarih** : 01.02.2021  
*Date of test*

**Raporun sayfa sayısı** : 3  
*Number of pages of the Report*

**Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınması konusunda Avrupa Akreditasyon Birliği (EA) ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma antlaşmasını imzalamıştır.**  
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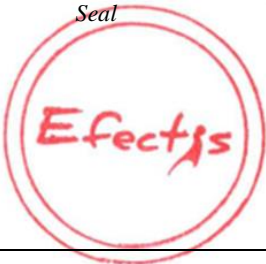
**Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.**  
The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report

**Mühür**  
*Seal*

**Tarih**  
*Date*

**Deney Sorumlusu**  
*Person in charge of test*

**Laboratuvar Müdürü**  
*Head of Testing Laboratory*



03.02.2021

Tuğçe AKOĞLAN

Ali BAYRAKTAR

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

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# TEST REPORT

## on Fire and Technical Characteristics

Our ref.: EEA-20-000398

**Sponsor:** SARAY DÖKÜM VE MADENİ AKSAM SANAYİ TURİZM A.Ş.  
Bağlar Mah. Osman Paşa Cad. No:89 Bağcılar, İstanbul, TURKEY

### TEST ITEM

**Product name :** SARAYBOND ALUMINUM COMPOSITE PANEL

**Manufacturing Plant:** SARAY DÖKÜM VE MADENİ AKSAM SANAYİ TURİZM A.Ş.  
Bağlar Mah. Osman Paşa Cad. No:89 Bağcılar, İstanbul, TURKEY

**Composition :** Aluminium sheet, polyethylene based core, adhesive film, PVDF paint

**Appearance :** Total thickness of the aluminium composite panel is 4 mm. Both faces of the panel are coated with aluminium sheets that have a thickness of 0,50 mm. Inner surface of the aluminium sheets is uncoated. Outer faces are coated with PVDF paint that have a thickness of 20 µm and a consumption of 0,07 g/m<sup>2</sup>. Inside of the panels are filled with polyethylene based core that have a measured density of 1,47 g/cm<sup>3</sup> and consumption amount for 3mm of 4,4 kg/m<sup>2</sup>. Core and aluminium sheets are fastened to each other adhesive film that have a consumption amount of 200 g/m<sup>2</sup>.

**Date of receipt of the sample:** 12.01.2021      **Date of realization of tests:** 01.02.2021

**Sampling:** The samples were delivered by the sponsor.

**TEST METHOD:** EN ISO 11925 – 2:2020

**The flame application time:** 30 s

**Conditioning:** According to the EN 13238:2010, Article 4.3.c, (23 ± 2) °C and % (50 ± 5) relative humidity.

### MEASURED VALUES AND THE TEST RESULTS

#### SURFACE FLAME ATTACK

Sample No.:	Lengthwise			Crosswise		
	1	2	3	1	2	3
Ignition of the sample:	no	no	no	no	no	no
Reaching the mark:	no	no	no	no	no	no
Reaching the mark (s):	(-)	(-)	(-)	(-)	(-)	(-)
Ignition of the filter paper:	no	no	no	no	no	no

**Observation during the test:** No flaming droplets were observed.



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**Conclusion:**

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, quality and dimension information of the components, when it is not possible to be verified by the laboratory, are given according to the sponsor's declaration and the responsibility belongs to the sponsor. The test specimens are tested as received from the sponsor (when the laboratory does not carry out sampling).



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