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

AB-0556-T

FTST21640

25.10.2021

DENEY RAPORU
TEST REPORT

Müşterinin adı/adresi : BİLKA OTOMATİK KAPI SİS. LOJİSTİK İNŞ. SAN. VE TİC. LTD. ŞTİ.
Customer name/address Mimarsinan O.S.B. 9. Cad. No:01 Melikgazi, Kayseri / TURKEY

İstek numarası : EEA-21-000562
Order No.

Numunenin adı ve tarifi : Sandwich Door Panel
Name and identity of test sample

Numunenin kabul tarihi : 05.10.2021
The date of receipt of sample

Açıklamalar :
Remarks

Deneyin yapıldığı tarih : 20.10.2021
Date of test

Raporun sayfa sayısı : 4 (7 pages including appendixes)
Number of pages of the Report

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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

25.10.2021

Tuğçe AKOĞLAN

Ali BAYRAKTAR

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.
İmzasız ve mühürsüz raporlar geçersizdir.

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TEST REPORT

on Fire and Technical Characteristics

Ref. No.: EEA-21-000562

Sponsor: BİLKA OTOMATİK KAPI SİS. LOJİSTİK İNŞ. SAN. VE TİC. LTD. ŞTİ.
Mimarsinan O.S.B. 9. Cad. No:01 Melikgazi, Kayseri / TURKEY

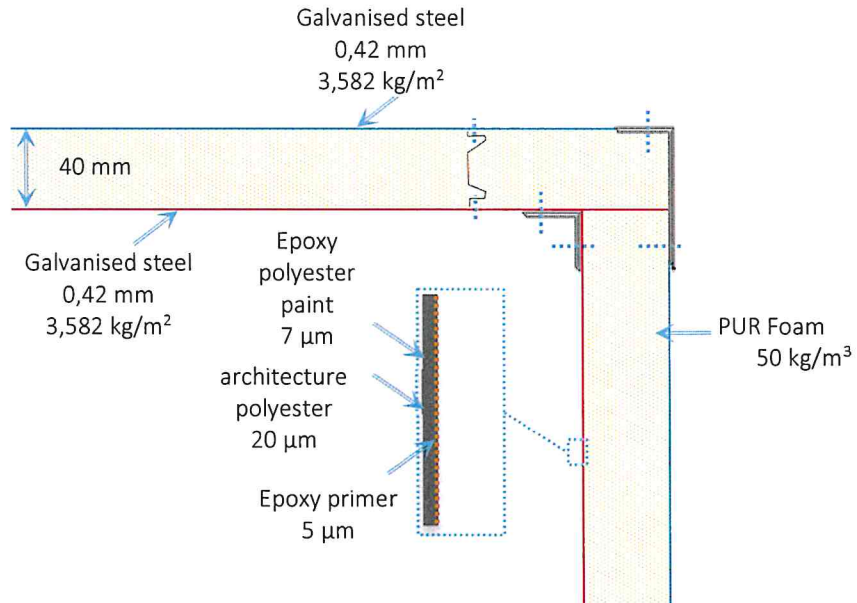
TEST ITEM

Product name: Sandwich Door Panel

Manufacturing Plant: BİLKA OTOMATİK KAPI SİS. LOJİSTİK İNŞ. SAN. VE TİC. LTD. ŞTİ.
Mimarsinan O.S.B. 9. Cad. No:01 Melikgazi, Kayseri / TURKEY

Composition: DX51D Galvanised steel, PUR foam, epoxy polyester paint, epoxy primer, architecture polyester

Appearance: The panels were mounted as free standing according to the clause 5.2.2 a of EN 13823:2020. Products were be tested with three horizontal joint in the long wing at a height of 500 mm. A perforated metal profile is used at the junction of the long side and the short side.



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Date of receipt of the sample: 05.10.2021 Date of realization of tests: 20.10.2021

Sampling: The samples were delivered by the sponsor.

TEST METHOD: EN 13823:2020

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

Test specimen no.	1	2	3	Ø	Expanded uncertainty
Date of test	20.10	20.10	20.10		
LFS > edge	no	no	no	no	(-)
FIGRA _{0,2} MJ [W/s]	111,6	135,7	115,9	121,1	14,8
FIGRA _{0,4} MJ [W/s]	111,6	135,7	115,9	121,1	14,8
THR _{600 s} [MJ]	7,9	8,9	8,6	8,5	0,8
SMOGRA [m ² /s ²]	49,4	31,8	29,3	36,8	12,6
TSP _{600 s} [m ²]	255,6	241,6	230,0	242,4	14,8
Flaming droplets/particles	no	no	no	no	(-)
Time of flaming [s]	(-)	(-)	(-)	(-)	(-)

Observation during the test : No flaming droplets were observed



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Conclusion:

The mentioned expanded uncertainty is obtained by multiplying the standard uncertainty by a coverage factor $k=2$, which corresponded to a level of confidence of 95 %.

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).

Annotation:

(-): Data was not determined/measured

Appendixes:


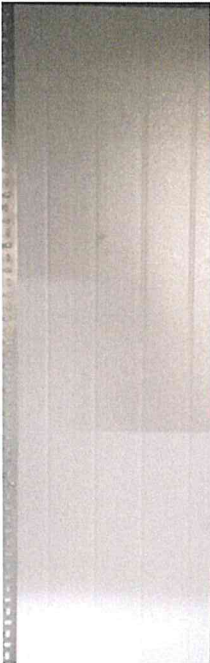
Appendix No. 1: The photographs of the exposed surface of the test specimens

Appendix No. 2: The graphs of the measured and calculated values

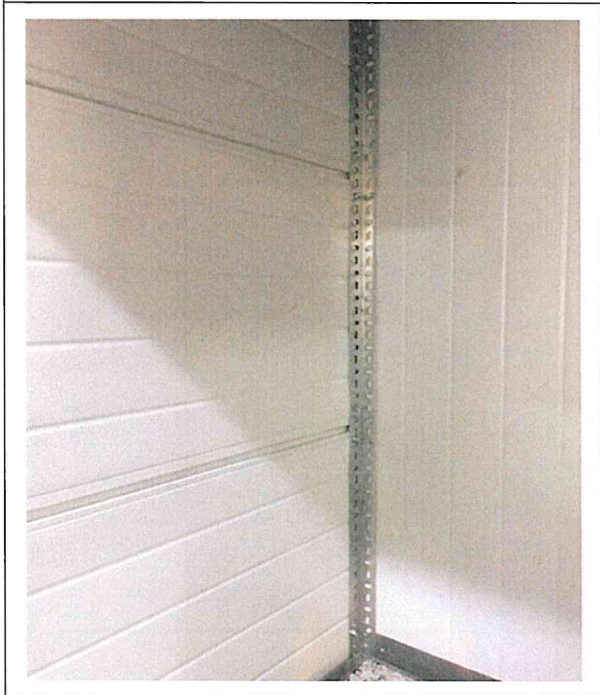


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<p>The photograph of the exposed surface of long wing</p>	<p>The photograph of the exposed surface of short wing</p>
	

The photograph of the exposed surface taken from the opposite of corner line



E. G. Actis

