

„MEŽA UN KOKSNES PRODUKTU PĒTNIECĪBAS UN ATTĪSTĪBAS INSTITŪTS” SIA

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Additional Test Report No.1821-1/A/2016

This report is additional to that issued as No. 1821-1/2016 and dated 10.06.2016. and the original report should remain valid and is not replaced by additional report.

Forest and Wood Products Research and Development Institute Testing Laboratory

Customer: CONCEPTUM SIA

Customer's address: Lubanas str. 78, Riga, LV-1073, Latvia.

Reg. No. 40103431021

Manufacturer: LLC "BILDEX" Baksheyevo Village, 23, Furmanovsky District, Ivanovo Region, 155523, Russia.

Date of the order: 10.05.2016.

Testing was done according contract No. 98-05/16 MU.

Test samples received: 10.05.2016.

Statement: *The product described in this report has not been retested and additional report does not involve technical change or technical review of the original report.*

Description of product (According to customer's information)

- Product name: Aluminium composite panels (ACP) BILDEX FR 4-05.
- Manufacturer: LLC "BILDEX".
- Nominal thickness tested: 4 mm.
- Materials used for manufacturing: sheet aluminium with 0.5 mm thickness; mineral filler consisting of polyethylene compound 25-27 % and mineral filler magnesite 73-75 %, EVA (Ethylene-vinyl-acetate) glue.
- Coating: PVDF 25-27 µm.
- Colour: white.

Sampling:

Specimens were manufactured at 18.04.2016. and sampling was done by LLC "BILDEX" Baksheyevo Village, 23, Furmanovsky District, Ivanovo Region, 155523, Russia at 18.04.2016. Specimens were taken from warehouse of ready production and delivered to laboratory by customer.

Application of building product (according to customer's information):

Product is intended to use as aluminium composite panels for external cladding and facade. Product can be described by the harmonized technical specification EN 14782:2006.

Specimen preparation for testing:

Specimens were delivered to testing laboratory by CONCEPTUM SIA at 10.05.2016. Specimens were prepared for testing by testing laboratory according to standard EN 14782:2006 requirements.

Substrates used:

Substrates were not used.

Conditioning of specimens:

Specimens were conditioned according to standard EN 13238:2010.

Conditioning method: constant mass.

Temperature: $t = 23 \pm 1$ °C.

Relative humidity: $RH = 50 \pm 5\%$.

Conditioning period: 15 days.

Test standard: EN 13823:2010+A1:2014.

Test date: 07.06.2016.

Test results:

Test results are given in the annex 1 and test protocols in the annexes 2 to 4.

According to EN 13823:2010+A1:2014 test results relate to the behaviour of test specimens 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 in use.

Annexes:

Annex 1 (Test results, 2 pp.)

Annex 2 (SBI test protocol No. 1821-1-1, 3 pp.)

Annex 3 (SBI test protocol No. 1821-1-2, 3 pp.)

Annex 4 (SBI test protocol No. 1821-1-3, 3 pp.)

Annex 5 (test parameter explanation, 1 pp.)

Date of issue: 26.05.2017.



Head of Laboratory

K.Būmanis

(signature and name)

Tests carried out by

E.Bukšāns

(signature and name)

TEST RESULTS

Test specimens

- Aluminium composite panels (ACP) BILDEX FR 4-05.
- Nominal thickness: 4 mm.
- Specimen identification in laboratory: No. 1821-1-1...1821-1-3.

Mounting:

Specimens were prepared and mounted in SBI trolley according procedure described in standard EN 14782:2006. Specimens were mounted directly on steal frame by rivets and vertical joint were made in 200 mm distance from the corner. Specimens were mounted as free standing construction according standard mounting method - paragraph 5.2.2 a) in EN 13823:2010. Specimen distance from calcium silicate backing board was 160 mm, see Fig. 1.

Test result summary

All tests were done without technical failure. Tests were performed for aluminium composite panels with standard vertical joint. All results were selected for data statistical analyse – specimens No. 1821-1-1; 1821-1-2 and 1821-1-3. Test result summary are shown in table 1 and graphs are shown in test protocols in Annexes 2-4.

Table 1

Specimen No.	1821-1-1	1821-1-2	1821-1-3	Average	Standard deviation	Standard error
General information						
Test start, min:s	0:00	0:00	0:00	-	-	-
Auxiliary burner ignited, min:s	2:00	2:00	2:00	-	-	-
Main burner ignited, min:s	5:03	5:03	5:03	-	-	-
Main burner stopped, min:s	26:00	26:00	26:00	-	-	-
Observations						
Ignition of specimen	no	no	no	-	-	-
Burning droplets, particles, <10s; min:s	no	no	no	-	-	-
Burning droplets, particles, >10s; min:s	no	no	no	-	-	-
Lateral flame spread, LFS; min:s	no	no	no	-	-	-
Falling specimen parts, min:s	no	no	no	-	-	-
Fire performance						
FIGRA _{0,2MJ} , W/s	Threshold not reached			-	-	-
FIGRA _{0,4MJ} , W/s	Threshold not reached			-	-	-
THR _{600s} , MJ	0.4	0.3	0.2	0.3	0.1	0.1
SMOGRA, m ² /s ²	Threshold not reached			-	-	-
TSP _{600s} , m ²	14.2	15.6	15.8	15.2	0.9	0.5

Observations during the test

There were no flaming droplets observed during all tests. There was no lateral flame spread nor specimen collapse during all tests, see Fig. 2.

Deviations from standard

No.

Photos:



Fig. 1 Specimen mounting in SBI.



Fig. 2 Specimens No 1821-1-1 and 1821-1-2 after the test.

SBI Test Report

Laboratory name MeKA Testing laboratory
 Operator Edgars Buksans
 Filename C:\SBICALC\Data\1821\1821-1-1.csv
 Report identification 1821-1-1
 Product identification Aluminium composite panels (ACP) BILDEX BDX(F) 4/0.5

Test	Pre-test conditions	Specimen conditioning
Standard used EN 13823:2010	Baseline duct temperature 296.78 K	Method Constant mass
Date of test 07/06/2016	Ambient temperature 296.53 K	Time interval 24 hours
Date of report 07/06/2016	Ambient pressure 103.293 kPa	Mass 1 3961 g
E' 17.2 MJ/m ³	Relative humidity 30%	Mass 2 3961 g
Apparatus specifications	Baseline conditions	Temperature 23°C
kt 0.9	Baseline ambient oxygen 20.774%	RH 50%
kp 1.08	Baseline oxygen 20.952%	
Duct diameter 0.315 m	Baseline carbon dioxide 0.0408%	
O2 calibration delay time 12 s	Baseline smoke 100.01%	
CO2 calibration delay time 9 s		

Specimen information	
Thickness 4 mm	Mounting method 5.2.2a) in EN 13823:2010
Density	Joints standard vertical
Surface mass/area	Fixed to substrate? No
Specimen number 1	Fixing method N/A
Date of arrival 10/05/2016	Substrate none
	Manufacturer BILDEX LLC
	Sponsor CONCEPTUM SIA

Test validity criteria

Test drifts

	Initial	Final	Change
Oxygen	20.952%	20.946%	0.006%
CO2	0.041%	0.041%	0.000%
Smoke	100.01%	99.73%	0.003

Exposure time 1254 s

Synchronisation details

Duct temp. dropped by 2.5 K from baseline of 319.11 K at 303 s
 Oxygen rose by 0.05% from baseline of 20.681% at 303 s
 CO2 dropped by 0.02% from baseline of 0.202% at 303 s

Burner details

Burner HRR	30.698 kW
Burner HRR std. dev.	0.438 kW
Burner CO2/O2 ratio	0.594
Burner SPR	0.032 m ² /s
Burner SPR std. dev.	0.005 m ² /s
Burner response time	9 s

Other checks

Minimum duct flow	0.570 m ³ /s
Maximum duct flow	0.661 m ³ /s
No T/C failure	

Classification results

FIGRA(0.2)	threshold not reached
FIGRA(0.4)	threshold not reached
THR(600)	0.4 MJ
SMOGRA	threshold not reached
TSP(600)	14.2 m ²

Classification observations

LFS to edge?	No
FDP flaming <= 10s?	No
FDP flaming > 10s?	No

Potential classification

Class	A2/B
Smoke production	s1
Flaming droplets/particles	d0

Recorded events

Surface flashes? No; Falling specimen parts? No; Smoke not entering hood? No
 Mutual fixing of backing board failed? No; Distortion/collapse of specimen? No

Pre-test comments

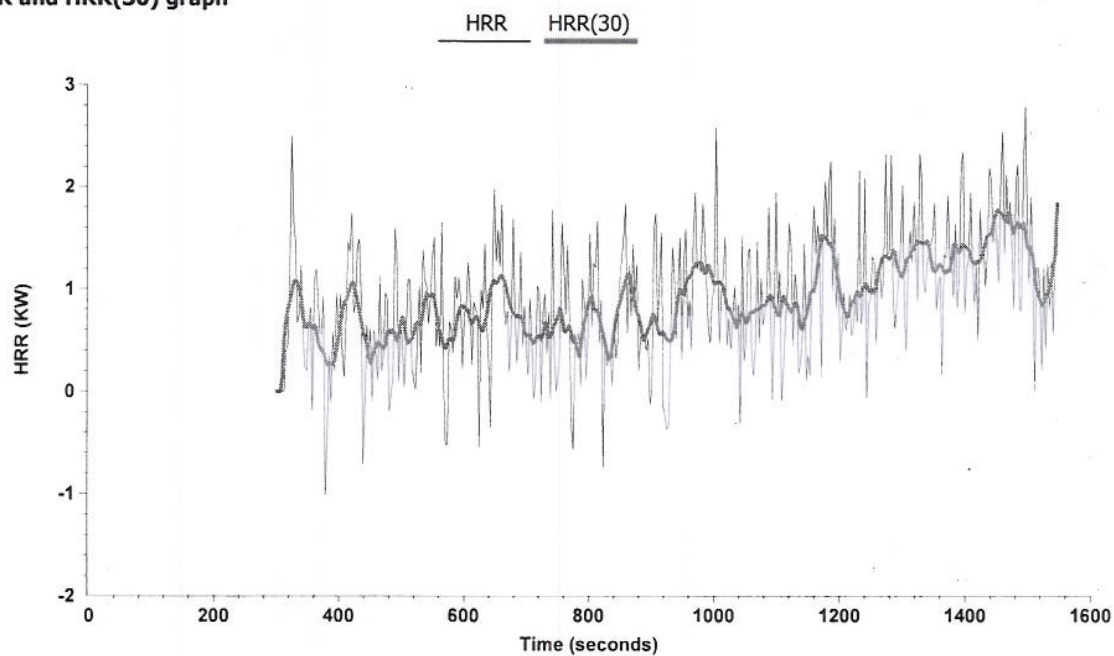
After-test comments

The test results relate to the behaviour of the test specimens 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 in use.

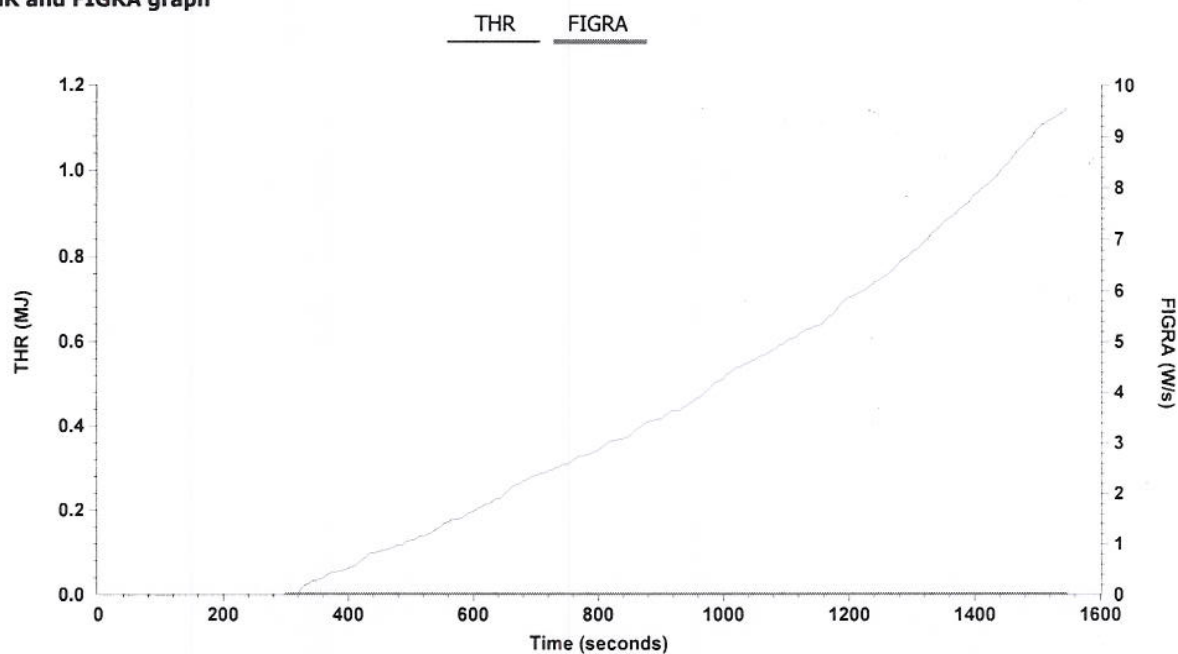
SBI Test Report

Laboratory name MeKA Testing laboratory
Operator Edgars Buksans
Filename C:\SBICALC\Data\1821\1821-1-1.csv
Report identification 1821-1-1
Product identification Aluminium composite panels (ACP) BILDEX BDX(F) 4/0.5

HRR and HRR(30) graph



THR and FIGRA graph

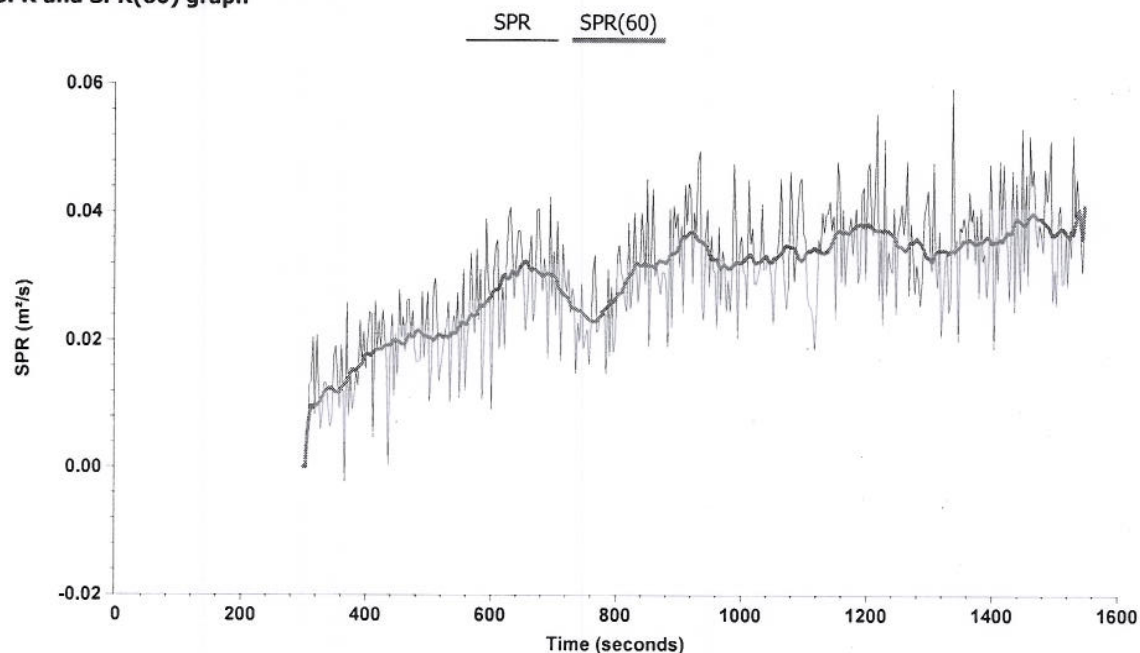


The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

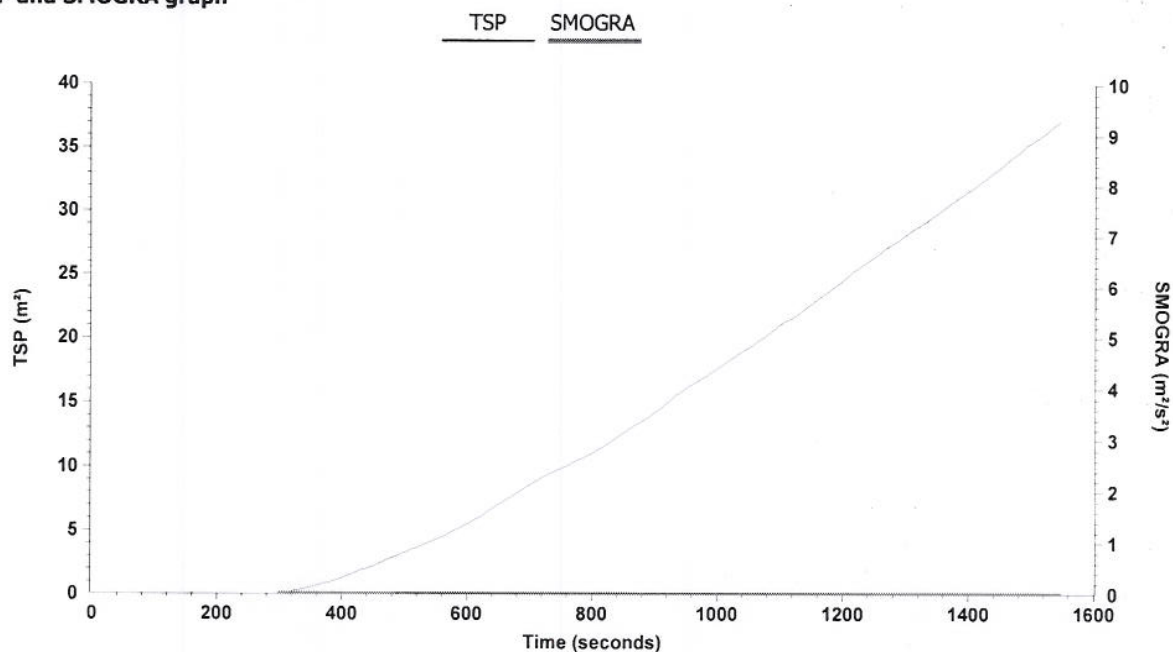
SBI Test Report

Laboratory name	MeKA Testing laboratory
Operator	Edgars Buksans
Filename	C:\SBICALC\Data\1821\1821-1-1.csv
Report identification	1821-1-1
Product identification	Aluminium composite panels (ACP) BILDEX BD(X)(F) 4/0.5

SPR and SPR(60) graph



TSP and SMOGRA graph



The test results relate to the behaviour of the test specimens 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 in use.

SBI Test Report

Laboratory name MeKA Testing laboratory
 Operator Edgars Buksans
 Filename C:\SBICALC\Data\1821\1821-1-2.csv
 Report identification 1821-1-2
 Product identification Aluminium composite panels (ACP) BILDEX BDX(F) 4/0.5

Test		Pre-test conditions	Specimen conditioning
Standard used	EN 13823:2010	Baseline duct temperature 298.54 K	Method Constant mass
Date of test	07/06/2016	Ambient temperature 294.69 K	Time interval 24 hours
Date of report	07/06/2016	Ambient pressure 103.284 kPa	Mass 1 3961 g
E'	17.2 MJ/m ³	Relative humidity 30%	Mass 2 3961 g
Apparatus specifications		Baseline conditions	Temperature 23°C
kt	0.9	Baseline ambient oxygen 20.756%	RH 50%
kp	1.08	Baseline oxygen 20.954%	
Duct diameter	0.315 m	Baseline carbon dioxide 0.0425%	
O2 calibration delay time	12 s	Baseline smoke 100.00%	
CO2 calibration delay time	9 s		

Specimen information

Thickness	4 mm	Mounting method	5.2.2a) in EN 13823:2010
Density		Joints	standard vertical
Surface mass/area		Fixed to substrate?	No
Specimen number	2	Fixing method	N/A
Date of arrival	10/05/2016	Substrate	none
		Manufacturer	BILDEX LLC
		Sponsor	CONCEPTUM SIA

Test validity criteria

Test drifts

	Initial	Final	Change
Oxygen	20.954%	20.950%	0.004%
CO2	0.042%	0.042%	0.001%
Smoke	100.00%	99.77%	0.002

Exposure time 1254 s

Synchronisation details

Duct temp. dropped by 2.5 K from baseline of 321.45 K at 303 s
 Oxygen rose by 0.05% from baseline of 20.681% at 303 s
 CO2 dropped by 0.02% from baseline of 0.206% at 303 s

Burner details

Burner HRR	30.870 kW
Burner HRR std. dev.	0.465 kW
Burner CO2/O2 ratio	0.599
Burner SPR	0.033 m ² /s
Burner SPR std. dev.	0.003 m ² /s
Burner response time	6 s

Other checks

Minimum duct flow	0.572 m ³ /s
Maximum duct flow	0.646 m ³ /s
No T/C failure	

Classification results

FIGRA(0.2)	threshold not reached
FIGRA(0.4)	threshold not reached
THR(600)	0.3 MJ
SMOGR	threshold not reached
TSP(600)	15.6 m ²

Classification observations

LFS to edge?	No
FDP flaming <= 10s?	No
FDP flaming > 10s?	No

Potential classification

Class	A2/B
Smoke production	s1
Flaming droplets/particles	d0

Recorded events

Surface flashes? No; Falling specimen parts? No; Smoke not entering hood? No
 Mutual fixing of backing board failed? No; Distortion/collapse of specimen? No

Pre-test comments

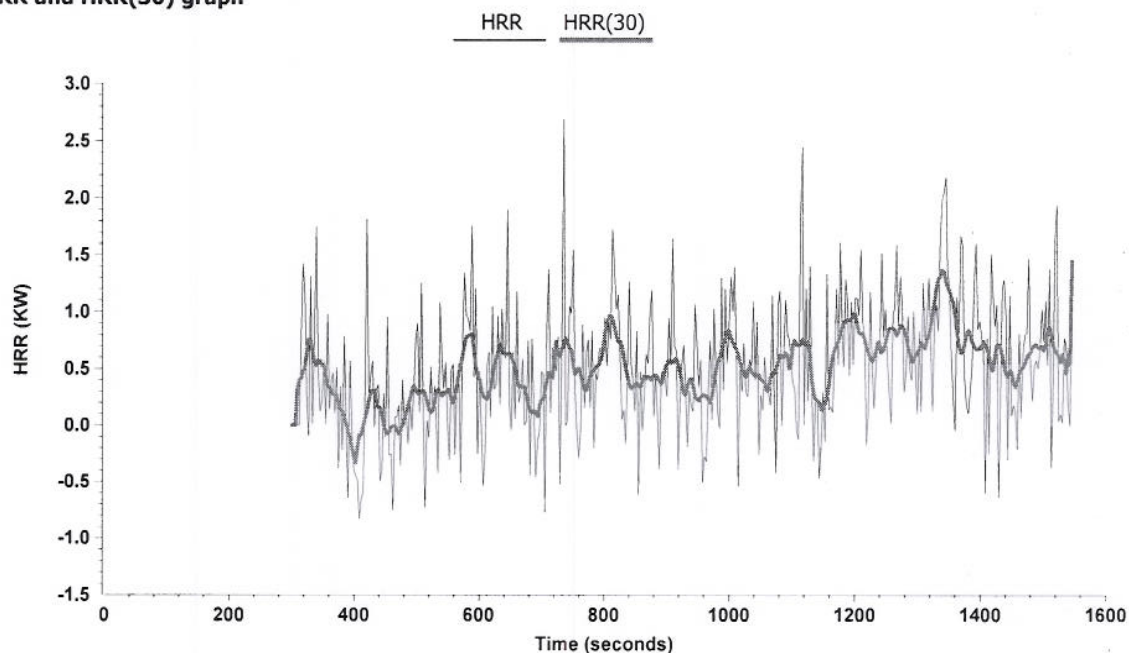
After-test comments

The test results relate to the behaviour of the test specimens 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 in use.

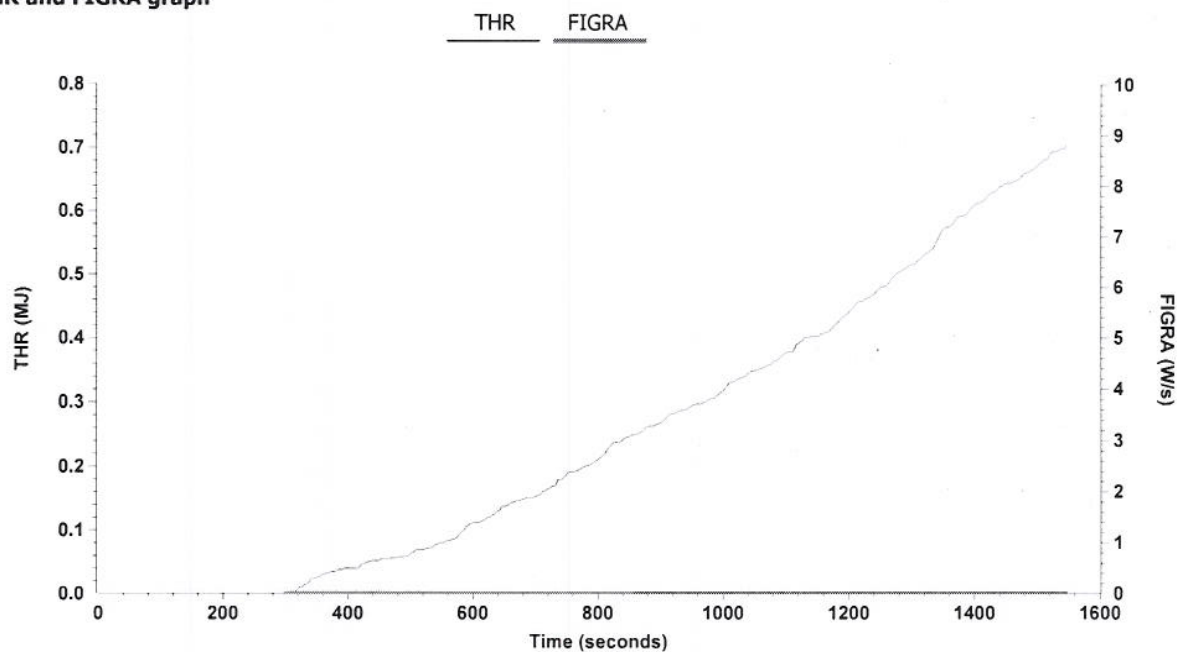
SBI Test Report

Laboratory name	MeKA Testing laboratory
Operator	Edgars Buksans
Filename	C:\SBICALC\Data\1821\1821-1-2.csv
Report identification	1821-1-2
Product identification	Aluminium composite panels (ACP) BILDEX BD(X)F 4/0.5

HRR and HRR(30) graph



THR and FIGRA graph

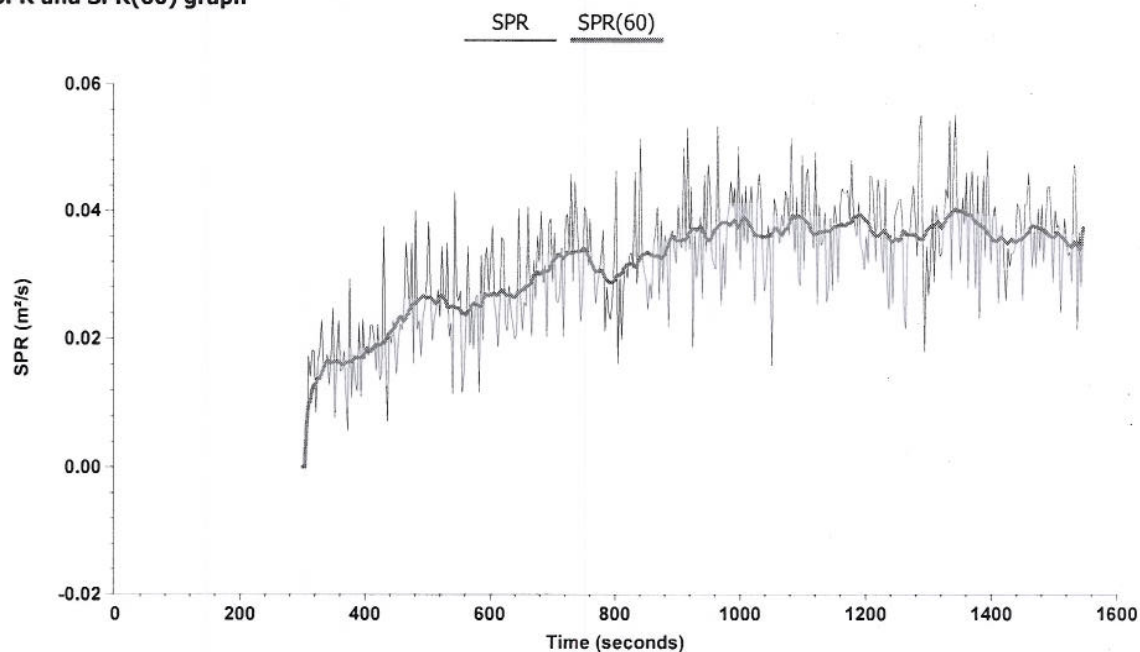


The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

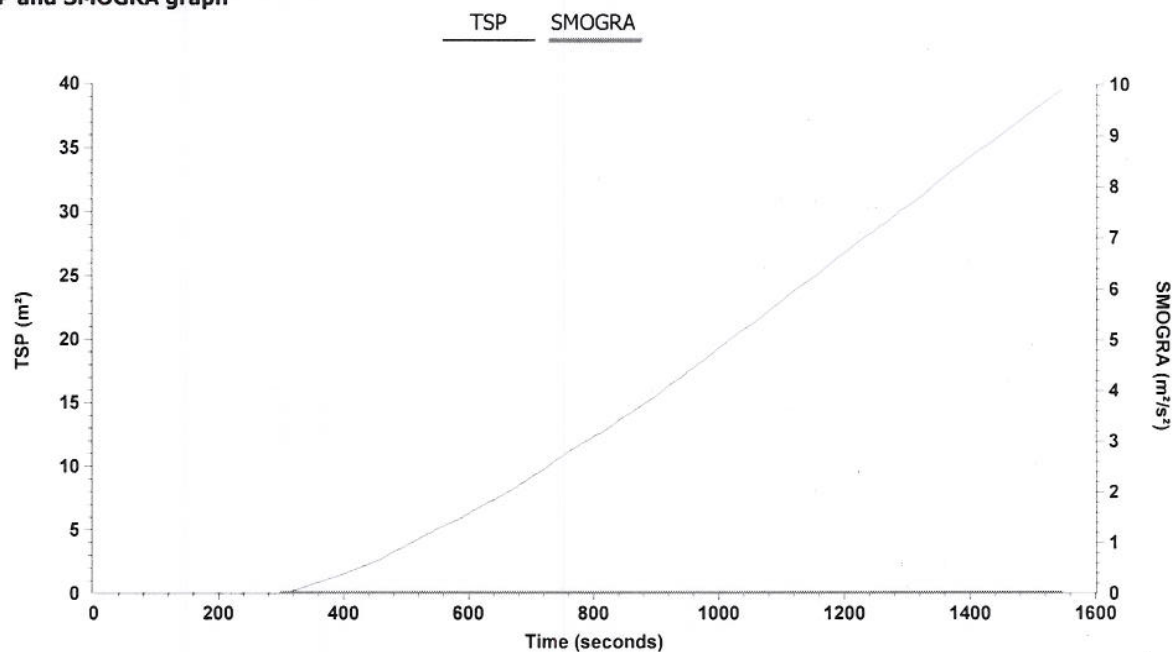
SBI Test Report

Laboratory name	MeKA Testing laboratory
Operator	Edgars Buksans
Filename	C:\SBICALC\Data\1821\1821-1-2.csv
Report identification	1821-1-2
Product identification	Aluminium composite panels (ACP) BILDEX BDX(F) 4/0.5

SPR and SPR(60) graph



TSP and SMOGRA graph



The test results relate to the behaviour of the test specimens 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 in use.

SBI Test Report

Laboratory name MeKA Testing laboratory
 Operator Edgars Buksans
 Filename C:\SBICALC\Data\1821\1821-1-3.csv
 Report identification 1821-1-3
 Product identification Aluminium composite panels (ACP) BILDEX BDX(F) 4/0.5

Test	Pre-test conditions	Specimen conditioning
Standard used EN 13823:2010	Baseline duct temperature 297.64 K	Method Constant mass
Date of test 07/06/2016	Ambient temperature 294.83 K	Time interval 24 hours
Date of report 07/06/2016	Ambient pressure 103.251 kPa	Mass 1 3961 g
E' 17.2 MJ/m ³	Relative humidity 30%	Mass 2 3961 g
Apparatus specifications	Baseline conditions	Temperature 23°C
kt 0.9	Baseline ambient oxygen 20.760%	RH 50%
kp 1.08	Baseline oxygen 20.948%	
Duct diameter 0.315 m	Baseline carbon dioxide 0.0409%	
O2 calibration delay time 12 s	Baseline smoke 100.00%	
CO2 calibration delay time 9 s		

Specimen information

Thickness 4 mm	Mounting method 5.2.2a) in EN 13823:2010
Density	Joints standard vertical
Surface mass/area	Fixed to substrate? No
Specimen number 3	Fixing method N/A
Date of arrival 10/05/2016	Substrate none
	Manufacturer BILDEX LLC
	Sponsor CONCEPTUM SIA

Test validity criteria

Test drifts

	Initial	Final	Change
Oxygen	20.948%	20.944%	0.004%
CO2	0.041%	0.042%	0.002%
Smoke	100.00%	99.82%	0.002

Exposure time 1254 s

Synchronisation details

Duct temp. dropped by 2.5 K from baseline of 320.34 K at 303 s
 Oxygen rose by 0.05% from baseline of 20.670% at 303 s
 CO2 dropped by 0.02% from baseline of 0.205% at 303 s

Burner details

Burner HRR	31.545 kW
Burner HRR std. dev.	0.542 kW
Burner CO2/O2 ratio	0.590
Burner SPR	0.030 m ² /s
Burner SPR std. dev.	0.004 m ² /s
Burner response time	12 s

Other checks

Minimum duct flow	0.575 m ³ /s
Maximum duct flow	0.643 m ³ /s
No T/C failure	

Classification results

FIGRA(0.2)	threshold not reached
FIGRA(0.4)	threshold not reached
THR(600)	0.2 MJ
SMOGRA	threshold not reached
TSP(600)	15.8 m ²

Classification observations

LFS to edge?	No
FDP flaming <= 10s?	No
FDP flaming > 10s?	No

Potential classification

Class	A2/B
Smoke production	s1
Flaming droplets/particles	d0

Recorded events

Surface flashes? No; Falling specimen parts? No; Smoke not entering hood? No
 Mutual fixing of backing board failed? No; Distortion/collapse of specimen? No

Pre-test comments

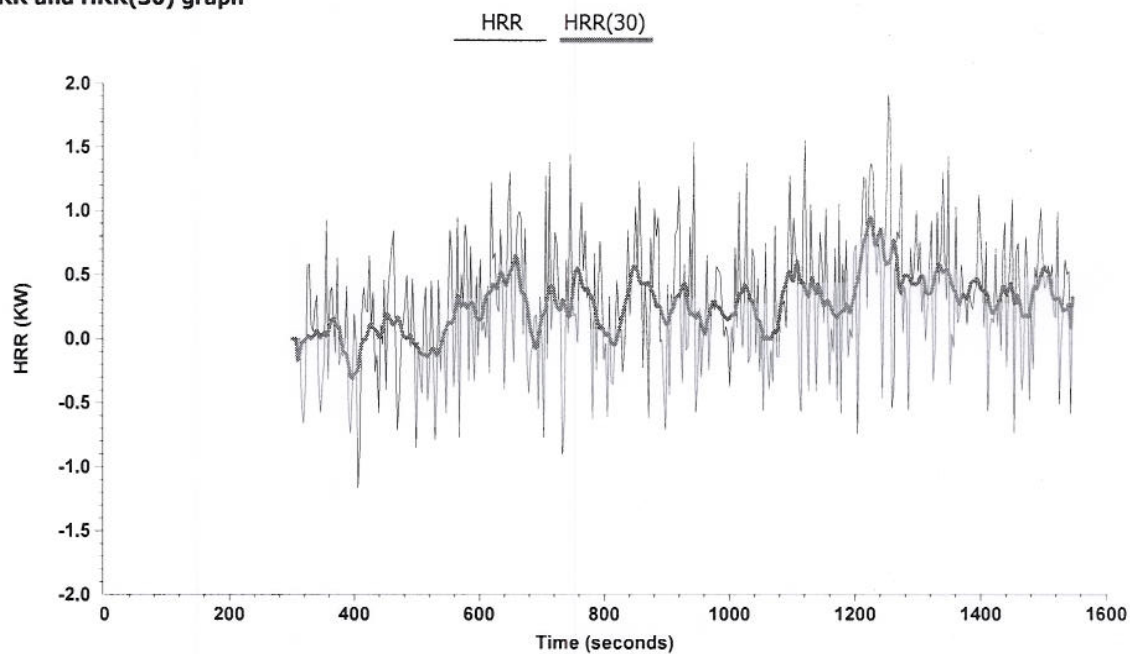
After-test comments

The test results relate to the behaviour of the test specimens 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 in use.

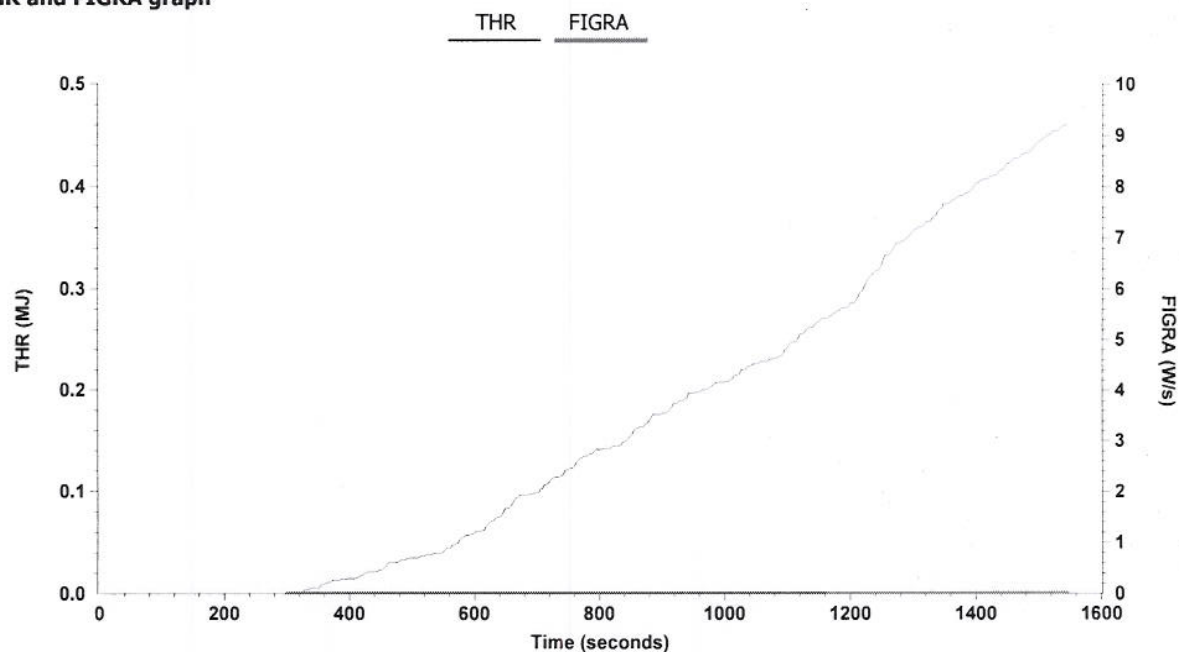
SBI Test Report

Laboratory name MeKA Testing laboratory
Operator Edgars Buksans
Filename C:\SBICALC\Data\1821\1821-1-3.csv
Report identification 1821-1-3
Product identification Aluminium composite panels (ACP) BILDEX BDX(F) 4/0.5

HRR and HRR(30) graph



THR and FIGRA graph

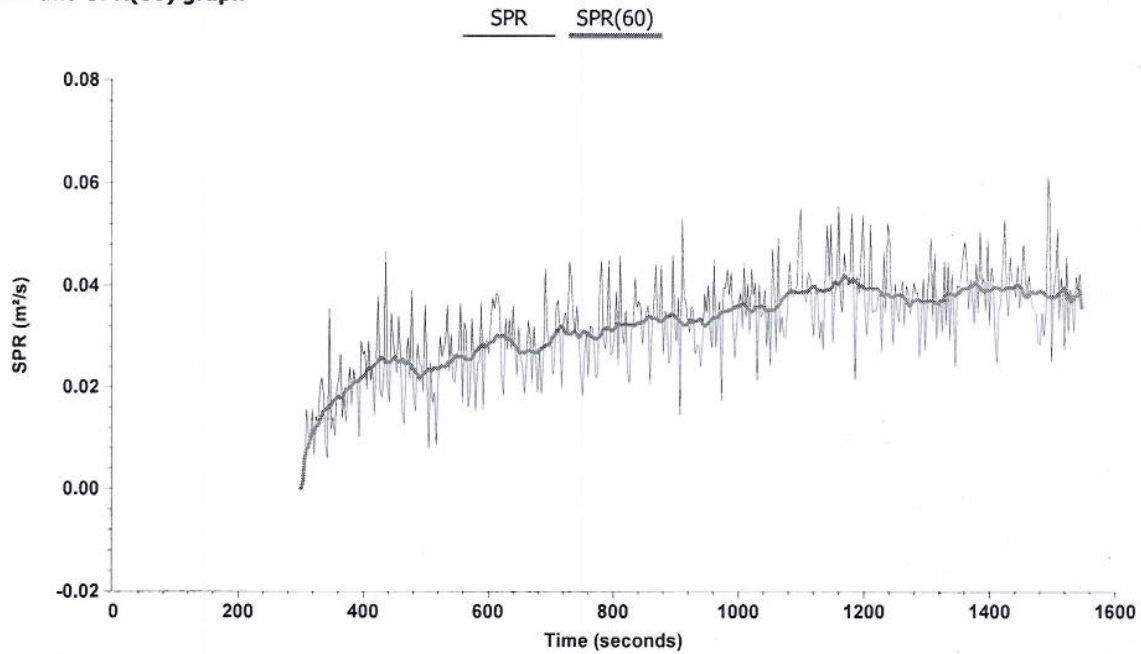


The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

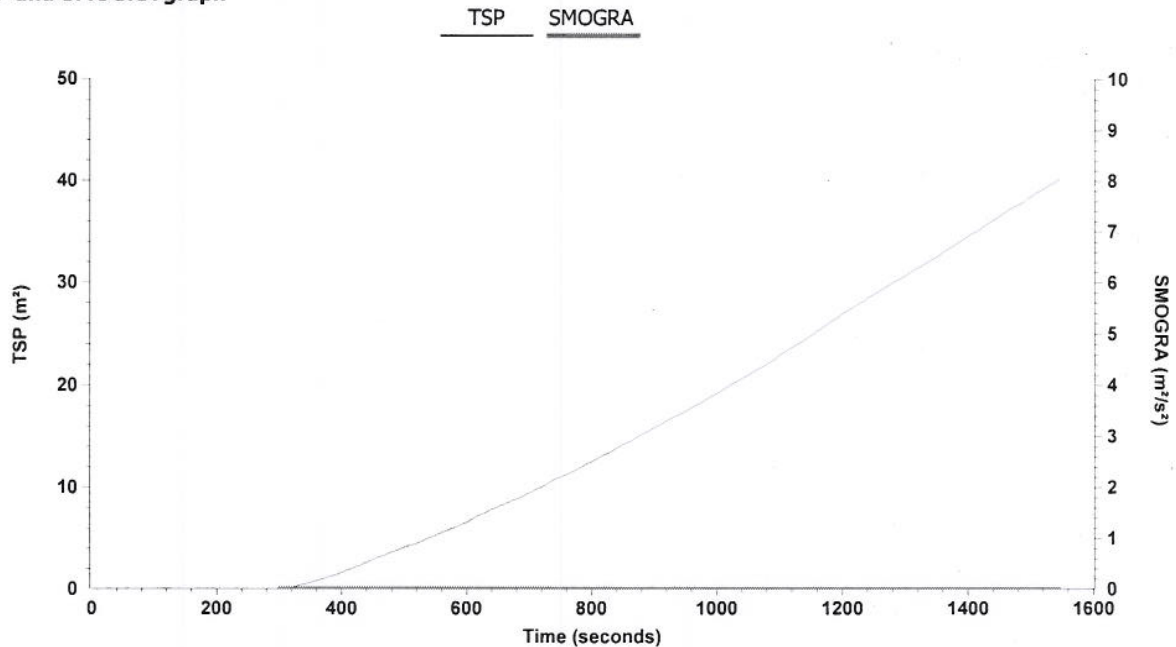
SBI Test Report

Laboratory name MeKA Testing laboratory
Operator Edgars Buksans
Filename C:\SBICALC\Data\1821\1821-1-3.csv
Report identification 1821-1-3
Product identification Aluminium composite panels (ACP) BILDEX BDX(F) 4/0.5

SPR and SPR(60) graph



TSP and SMOGRA graph



The test results relate to the behaviour of the test specimens 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 in use.

Test parameter explanation

Parameter	Explanation
Specimen	Specimen consisting of two wings (short wing - 495 x1500mm and long wing 1000x1500mm) mounted perpendicular each to other.
Test start	Start of data collection
Ignition of the specimen	Ignition of specimen long wing initiated by main burner
Flaming particles and droplets	Specimen particles which have fall down on trolley at distance more than 300 mm distance from specimen corner and continue burning. It should be observed if flaming time is less or more than 10 s.
Lateral flame spread on the long wing LFS 1000 mm	Lateral flame spread is recorded when sustained flames reach's the far edge of specimen at height between 500 to 1000mm.
HRR, kW	Heat release rate of material between ignition of main burner and end of the test, burner heat output excluded, as a 60 s running average value.
SPR, m^2/s^2	Smoke production rate of material between ignition of the main burner and end of test burner smoke production output excluded, as 60 s running average value.
FIGRA _{0,2MJ} , W/s	Fire growth rate is maximum of the quotient of heat release rate from the specimen and time of its occurrence using a THR-threshold of 0.2 MJ.
FIGRA _{0,4MJ} , W/s	Fire growth rate is maximum of the quotient of heat release rate from the specimen and time of its occurrence using a THR-threshold of 0.4 MJ.
THR _{600s} , MJ	Total heat release of the sample at first 600 s from ignition of main burner.
SMOGRA, cm^2/s^2	Maximum of the quotient of smoke production rate from the specimen and the time of its occurrence.
TSP _{600s} , m^2	Total smoke production from the specimen in the first 600 s of exposure to the main burner flames.

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Additional Classification Report

Classification of reaction to fire performance in accordance with EN 13501-1:2007+A1:2009

This report is additional to that issued as No. K20/2016 and dated 10.06.2016. and the original report should remain valid and is not replaced by additional report.

Issue number: K20/A/2016

Date of issue: 26.05.2017.

Sponsor: CONCEPTUM SIA.

Address: Lubanas str. 78, Riga, LV-1073, Latvia.

Reg. No. 40103431021.

Manufacturer: LLC “BILDEX”

Address: Baksheyevo Village, 23, Furmanovsky District, Ivanovo Region, 155523, Russia.

Statement: *The product described in this report has not been retested and additional report does not involve technical change or technical review of the original report.*

Prepared by: SIA “Meža un koksnes produktu pētniecības un attīstības institūts” (Forest and Wood Products Research and Development Institute Ltd).

Product name: Aluminium composite panels (ACP) BILDEX FR 4-05.

Laboratory involved in testing is accredited by the Latvian National Accreditation Bureau (LATAK) according to the standard LVS EN ISO/IEC 17025 under the terms of Latvian legislation with reg. No. T-316. Laboratory is a notified body with reg. No. NB 2040 under construction product regulation No. 305/2011.

Classification report refers only to these test objects. This classification report may not be reproduced otherwise than in full text, excepted with the prior written approval of the Forest and Wood Products Research and Development Institute

1. Introduction

This classification report defines the reaction to fire classification assigned to Aluminium composite panels (ACP) BILDEX FR 4-05 in accordance with the procedures given in EN 13501-1:2007+A1:2009.

2. Details of classified product

2.1. General

Product is intended to use as aluminium composite panels for external cladding and facade. Product can be described by the harmonized technical specification EN 14782:2006.

2.2. Product description

- Product name: Aluminium composite panels (ACP) BILDEX FR 4-05.
- Manufacturer: LLC "BILDEX".
- Nominal thickness tested: 4 mm.
- Materials used for manufacturing: sheet aluminium with 0.5 mm thickness; mineral filler consisting of polyethylene compound 25-27 % and mineral filler magnesite 73-75 %, EVA (Ethylene-vinyl-acetate) glue.
- Coating: PVDF 25-27 µm.
- Colour: white.

3. Test reports and test results in support of classification

3.1. Test reports

Name of laboratory	Name of sponsor	Test reports	Test method
SIA „Meža un koksnes produktu pētniecības un attīstības institūts” Testing Laboratory	CONCEPTUM SIA	1821-1/A/2016	EN 13823:2010+A1:2014
SIA „Meža un koksnes produktu pētniecības un attīstības institūts” Testing Laboratory	CONCEPTUM SIA	1821-2/A/2016	EN ISO 11925-2:2010

3.2. Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean	Compliance parameters
EN 13823:2010+A1:2014	$FIGRA_{0,2MJ}(W/s)$	3	Threshold not reached	Compliant
	$FIGRA_{0,4MJ}(W/s)$		Threshold not reached	(-)
	$THR_{600s}(MJ)$ LFS		0.3 <1000 mm	Compliant Compliant
	$SMOGRA(m^2/s^2)$		Threshold not reached	Compliant
	$TSP_{600s}(m^2)$		15.2	Compliant
	Flaming droplets <10s Flaming droplets >10s		no no	Compliant Compliant
EN ISO 11925-2:2010	Flame spread (Fs)	18	Less than 150 mm	Compliant
Exposure time 30 s. Test duration 60 s.	Ignition of filter paper		no	(-)
	Flaming droplets/particles		no	(-)
(-) not applicable				

4. Classification and field of application

4.1. Reference of classification

This classification has been carried out in accordance with clause 11 of EN 13501-1:2007+A1:2009.

4.2. Classification

Aluminium composite panels (ACP) BILDEX FR 4-05 in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets/particles is:

d0

The format of the reaction to fire classification for construction product excluding floorings and linings is:

Fire behaviour		Smoke production			Flaming droplets	
B	-	s	1	,	d	0

Reaction to fire classification: B-s1-d0

4.3. Field of application

4.3.1 This classification is valid for the following product end use applications:

Product primary is intended to use as aluminium composite panels for external cladding and facade.

4.3.2. This classification is also valid for following product parameters:

Thickness: valid only for thickness as tested.
Chemical composition: valid only for product composition as tested.
Orientation: not applicable.

4.3.3. Classification valid for installation parameters:

Mounting: valid for product mounting with or without air gaps between product and substrate, valid also for free standing and ventilated constructions.
Substrates: product performance determined without substrates.
Joints: product tested with vertical joint.
Specification of joints: -
Protection of joints: valid with and without joint protection.

5. Limitations.

5.1. No restrictions on the duration of validity of this classification report as long as the product specifications remain unchanged.

5.2. This document does not represent type approval or certification of the product.

5.3. The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Regulation.

The manufacturer has made a declaration, which is held on file. This confirms that the product's design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.



Prepared by



E. Bukšāns

(signature)

Reviewed by



K. Būmanis

(signature)



GOST R CERTIFICATION SYSTEM

QUALITY SYSTEMS REGISTER

MANAGEMENT SYSTEMS CERTIFICATION BODY
INDEPENDENT CERTIFICATION CENTRE «ASPECT-SERT» LLC
XI, 10-2, Fryazevskaya str., Moscow, 111396, Russian Federation
RA.RU.13AC22

K № 33031

CERTIFICATE OF CONFORMITY

Issue 3. SMQ certified since June 2011

is given to **Limited Liability Company**
«Bildex»

23, Baksheevo village, Furmanov district, Ivanovo region, 155523, Russian Federation

THIS CERTIFICATE CERTIFIES THAT:

Quality Management System as applied to production and supply of
aluminum composite panels «BILDEX» and «FORMA» trade marks

COMPLIES WITH THE REQUIREMENTS OF

GOST R ISO 9001-2015 (ISO 9001:2015)

Registration № POCC RU.AC22.K00006

Date of registration July, 21, 2017

It is valid until July, 21, 2020

Head of Management
Systems Certification Body

Audit Team Leader



R.N. Vlasov

T.N. Fomina



СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р

РЕГИСТР СИСТЕМ КАЧЕСТВА

Орган по сертификации систем менеджмента
Общества с ограниченной ответственностью

«Независимый Сертификационный Центр «Аспект-СЕРТ»

Российская Федерация, 111396, г. Москва, ул. Фрязевская, д.10, стр.2, пом.ХІ
№ RA.RU.13AC22

К № 33031

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Выпуск 3. СМК сертифицирована с июня 2011 г.

Выдан Обществу с ограниченной ответственностью
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Российская Федерация, 155523, Ивановская обл., Фурмановский район, д. Бакшеево, д. 23

НАСТОЯЩИЙ СЕРТИФИКАТ УДОСТОВЕРЯЕТ:

система менеджмента качества применительно к
производству и поставкам алюминиевых композитных
панелей торговых марок «BILDEX» и «FORMA»

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ

ГОСТ Р ИСО 9001-2015 (ISO 9001:2015)

Регистрационный № РОСС RU.AC22.K00006

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Руководитель органа по
сертификации систем менеджмента

Председатель комиссии



Р.Н. Власов

Т.Н. Фомина