



Institut pro testování a certifikaci, a.s.
Divize CSI - Centrum stavebního inženýrství

Fire Technical Laboratory

**AUTHORIZED
BODY**

**NOTIFIED
BODY**

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH ČSN EN 13501-1:2019

Applicant: AIROLAM LTD.
Dalpur Village, Nanapur Approach
Road, Ta.: Prantij,
Dist.: S.K., Nr. Ahmedabad,
Gujarat - 383120, India

Prepared by: Institut pro testování a certifikaci, a.s.
Divize CSI – Centrum stavebního
inženýrství
Pražská 16, 102 00 Praha 10
Czech Republic

Product name: *Compact Laminate for interior wall
claddings, Grade CGF, Thickness
6.0mm, Brand Name "AIROLAM"*

**Classification
report No.:** PK-23-176

Issue number: 1/2

Date of issue: 18th October 2023

This classification report consists of 4 pages and may only
be used or reproduced in its entirety.

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Fire Technical Laboratory, E-mail: ptl@csias.cz
Phone: +420 281 017 111, Fax: +420 281 017 455

1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

The product, *Compact Laminate for interior wall claddings, Grade CGF, Thickness 6.0mm, Brand Name "AIROLAM"*, is defined as a type of HPL composite panel according to ČSN EN 438-7.

Description:

The product *Compact Laminate for interior wall claddings, Grade CGF, Thickness 6.0mm, Brand Name "AIROLAM"* is fully described in the test reports in support of the classification listed in clause 2.

2. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

Test reports

Name of laboratory	Name of sponsor	Test report ref. no.	Test method
ITC a.s. - Divize CSI, AZL No. 1007.4	AIROLAM LTD.	23/P419	ČSN EN ISO 11925-2
		23/P420	ČSN EN 13823

Measured values and test results:

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 11925-2	$F_s \leq 150 \text{ mm}^{(1)}$	6	yes	yes (B to D) no (d0)
	ignition of the filter paper ⁽¹⁾	6	no	
	$F_s \leq 150 \text{ mm}^{(2)}$	6	yes	
	ignition of the filter paper ⁽²⁾	6	no	
ČSN EN 13823	$FIGRA_{0,4 \text{ MJ}} \text{ (W/s)}$	3	153,3	$\leq 250 \text{ (C)}$
	$LFS > \text{edge}$	3	no	no (B, C)
	$THR_{600 \text{ s}} \text{ (MJ)}$	3	20,5	$> 15 \text{ (D)}$
	$SMOGRA \text{ (m}^2/\text{s}^2\text{)}$	3	5,0	$\leq 30 \text{ (s1)}$
	$TSP_{600 \text{ s}} \text{ (m}^2\text{)}$	3	53,3	$\leq 200 \text{ (s2)}$
	flaming droplets / particles	3	no	no (d0)

(1): surface flame attack, exposition = 30 s

(2): edge flame attack, exposition = 30 s

3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

Reference and direct field of application

This classification has been carried out in accordance with the clause 11.4, 11.9.3 and 11.10.1 of ČSN EN 13501-1:2019.

Classification

The product *Compact Laminate for interior wall claddings, Grade CGF, Thickness 6.0mm, Brand Name "AIROLAM"*, in relation to its reaction to fire behaviour is classified:

D

The additional classification in relation to smoke production is:

s2

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

d0

The format of the reaction to fire classification for *Compact Laminate for interior wall claddings, Grade CGF, Thickness 6.0mm, Brand Name "AIROLAM"* is:

Fire behaviour		Smoke production			Flaming droplets	
D	-	s	2	,	d	0

Reaction to fire classification: D-s2, d0

Field of application:

This classification is also valid for the following product parameters:

- thickness ≥ 6 mm

This classification is valid for the following end use conditions:

- valid for interior applications
- supporting frame: valid for wood-based frame or any other frames (for example aluminium or steel frame)
- fixing: valid for fixing spacing up to 800 mm

4. LIMITATIONS

Restrictions

This classification report is valid, provided that the technical specifications of the product will not be changed.

Warning

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

Prepared:



Jiří Socha



Reviewed:



Vít Slaboch
head of laboratory



TEST REPORT

No. 23/P419

Job No.: 415500907

No. of pages: 3

No. of copies: 2

Copy No.: 1

Name of test: Determination of ignitability of construction products

Material/product/construction: Compact Laminate for interior wall claddings, Grade CGF, Thickness 6.0mm, Brand Name "AIROLAM"

Sponsor: AIROLAM LTD.
Dalpur Village, Nanapur Approach Road,
Ta.: Prantij, Dist.: S.K., Nr. Ahmedabad,
Gujarat - 383120, India

Manufacturer: AIROLAM LTD.
Dalpur Village, Nanapur Approach Road,
Ta.: Prantij, Dist.: S.K., Nr. Ahmedabad,
Gujarat - 383120, India

Test specimens delivery date: 29th August 2023

Workplace: Fire technical laboratory

Location: Pražská 16, Praha 10 – Hostivař

Date of test: 15th October 2023

Date of issue: 18th October 2023



Reviewed by:
Vit Slaboch
Technical manager of laboratory

Approved by:
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Head of laboratory

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1. Test assignment

The test has been done on the base of order of internal cooperation no. 415600907.

2. Test method

ČSN EN ISO 11925-2:2020 Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test

3. Test specimens

The test specimens were delivered by sponsor. Marking of the test specimens in laboratory: 23/P419/1 - 12.

Composition: Undeclared

Description of test specimen: Brown sheets of thickness 6 mm, mass per unit area approx. 8,8 kg/m². Front side and back side are identical.

4. Test equipment

- 1) Test device according to ČSN EN ISO 11925-2 (Reg. No. 746)
- 2) Digital stop watch (Reg. No. 4)
- 3) Yardstick (Reg. No. 148)
- 4) Metallic gauge (Reg. No. 73)
- 5) Metallic gauge (250 x 90) mm (Reg. No. 8)
- 6) Thermometer / relative humidity meter (Reg. No. 74)
- 7) Metallic gauge 10 mm (Reg. No. 77)
- 8) Weighing scale (Reg. No. 155)
- 9) Digital anemometer (Reg. No. 67)

5. Test results and conclusion

Conditioning: from 29th August 2023 according to ČSN EN 13238

Laboratory conditions: temperature T = 23°C; relative humidity RV = 36 %

a) front side, surface flame attack, exposition time: 30 s

Test specimen No.	1	2	3	4	5	6
Orientation	lengthwise			crosswise		
Ignition of test specimen [Y/N]	N	N	N	N	N	N
Time to reaching mark [s]	(-)	(-)	(-)	(-)	(-)	(-)
Ignition of filter paper [Y/N]	N	N	N	N	N	N

b) edge flame attack, exposition time: 30 s

Test specimen No.	7	8	9	10	11	12
Orientation	lengthwise			crosswise		
Ignition of test specimen [Y/N]	N	N	N	N	N	N
Time to reaching mark [s]	(-)	(-)	(-)	(-)	(-)	(-)
Ignition of filter paper [Y/N]	N	N	N	N	N	N

Annotation: (-) = flame tip did not reach the mark.



6. Measurement uncertainty

Expanded measurement uncertainty of length is ± 1 mm. Expanded measurement uncertainty of time is $\pm 0,5$ s. The mentioned expanded uncertainties are obtained by multiplying the standard uncertainties by a coverage factor $k=2$, which corresponded to a level of confidence of 95 %. Standard uncertainties have been determined in accordance with document EA - 4/02 M.

7. Declaration

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. The test report shall be reproduced in full only. The results of tests are concerned only with the subject of testing. The test report shall be reproduced in full only.

Distribution of test reports:

Copy No. 1 – sponsor

Copy No. 2 – laboratory archive

List of appendixes:

without appendixes

END OF TEST REPORT



TEST REPORT

No. 23/P420

Job No.: 415600907

No. of pages: 3 + 2 app.

No. of copies: 2

Copy No.: 1

Name of test: Reaction to fire of building products - SBI test

Material/product/construction: Compact Laminate for interior wall claddings, Grade CGF, Thickness 6.0mm, Brand Name "AIROLAM"

Sponsor: AIROLAM LTD.
Dalpur Village, Nanapur Approach Road,
Ta.: Prantij, Dist.: S.K., Nr. Ahmedabad,
Gujarat - 383120, India

Manufacturer: AIROLAM LTD.
Dalpur Village, Nanapur Approach Road,
Ta.: Prantij, Dist.: S.K., Nr. Ahmedabad,
Gujarat - 383120, India

Test specimens delivery date: 29th August 2023
Workplace: Fire technical laboratory
Location: Pražská 16, Praha 10 – Hostivař
Date of test: 16th - 17th October 2023
Date of issue: 18th October 2023



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Technical manager of laboratory

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web: www.csias.cz



1. Test assignment

The test has been done on the base of order of internal cooperation no. 415600907.

2. Test methods

ČSN EN 13823+A1:2022 Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item.

3. Test specimens

The test specimens were delivered by sponsor. Marking of the test specimens in laboratory: 23/P420

Composition: Undeclared

Description of test specimen: Brown sheets of thickness 6 mm, mass per unit area approx. 8,8 kg/m². Front side and back side are identical. Panels were mechanically fixed on the standard wooden frame specified in ČSN EN 438-7, Annex B, composed of spruce-wood. The test specimen was constructed according to the ČSN EN 438-7, Annex B with closed horizontal joint.

4. Test equipment

- 1) Test device according to ČSN EN 13823 (Reg. No. 703)
- 2) Yardstick (Reg. No. 2)
- 3) Digital stop watch (Reg. No. 22)
- 4) Mass flow meter of propane (Reg. No. 151)
- 5) Thermometer / relative humidity meter (Reg. No. 5)
- 6) Digital anemometer (Reg. No. 67)
- 7) Digital barometer (Reg. No. 12)
- 8) AD converter (Reg. No. 45)
- 9) Micro pressure gauge (Reg. No. 163)
- 10) Weighing scale (Reg. No. 50)
- 11) Coated thermocouple 0,5 mm (Reg. No. 159)
- 12) Coated thermocouple 0,5 mm (Reg. No. 160)
- 13) Coated thermocouple 0,5 mm (Reg. No. 161)
- 14) Coated thermocouple 1,5 mm (Reg. No. 21)

5. Test results and conclusion

Conditioning: From 29th August 2023 according to ČSN EN 13238

Test specimen no.	1	2	3	Ø	Expanded uncertainty
Date of test	10-16	10-17	10-17		
LFS < edge	yes	yes	yes	yes	(-)
FIGRA _{0,2 MJ} [W/s]	151,3	163,7	144,8	153,3	25,6
FIGRA _{0,4 MJ} [W/s]	151,3	163,7	144,8	153,3	25,6
THR _{600 s} [MJ]	20,6	21,9	18,9	20,5	4,6
SMOGR [m ² /s ²]	4,2	5,7	5,0	5,0	2,9
TSP _{600 s} [m ²]	52,0	55,6	52,4	53,3	5,6
Flaming					
droplets/particles	no	no	no	no	(-)
Time of flaming [s]	(-)	(-)	(-)	(-)	(-)

6. Measurement uncertainty

The mentioned expanded uncertainties are obtained by multiplying the standard uncertainties by a coverage factor $k=2$, which corresponded to a level of confidence of 95 %. Standard uncertainties have been determined in accordance with document EA - 4/02 M.

7. Declaration

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. The test report shall be reproduced in full only. Given that, the samples were provided by the sponsor, the results relate to the samples as it were received.

Distribution of test reports:

Copy No. 1 – sponsor

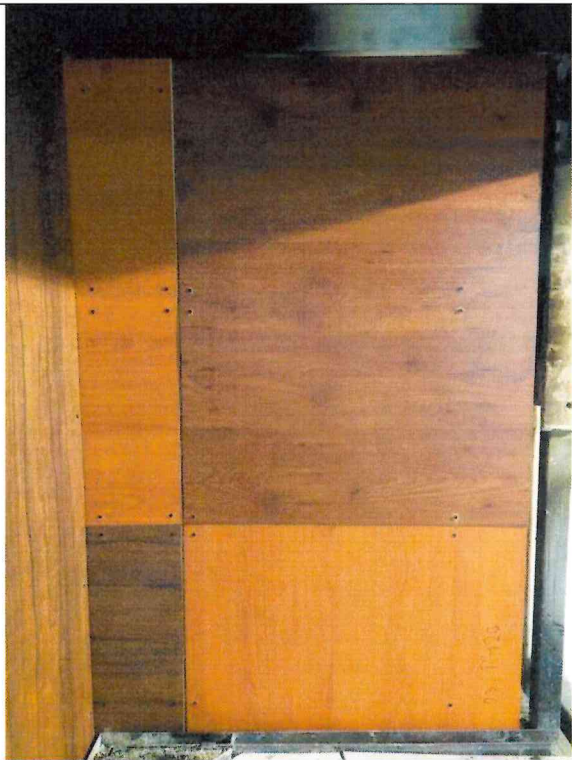
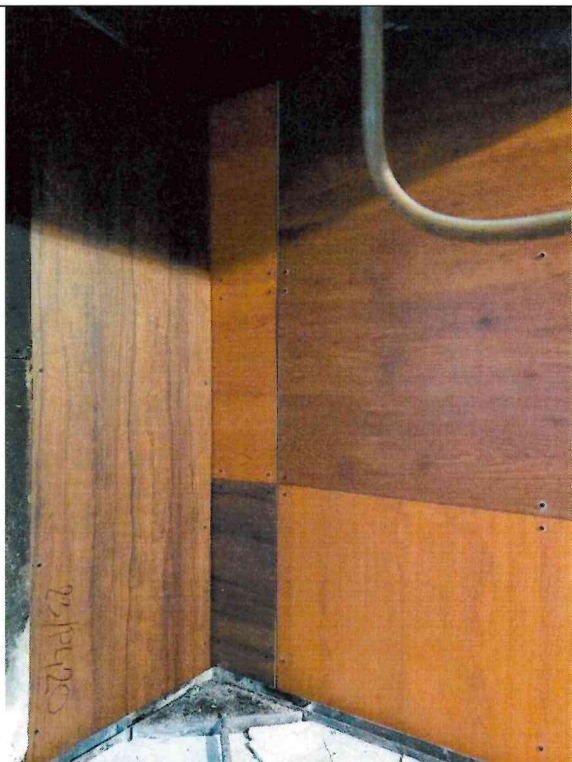
Copy No. 2 – laboratory archive

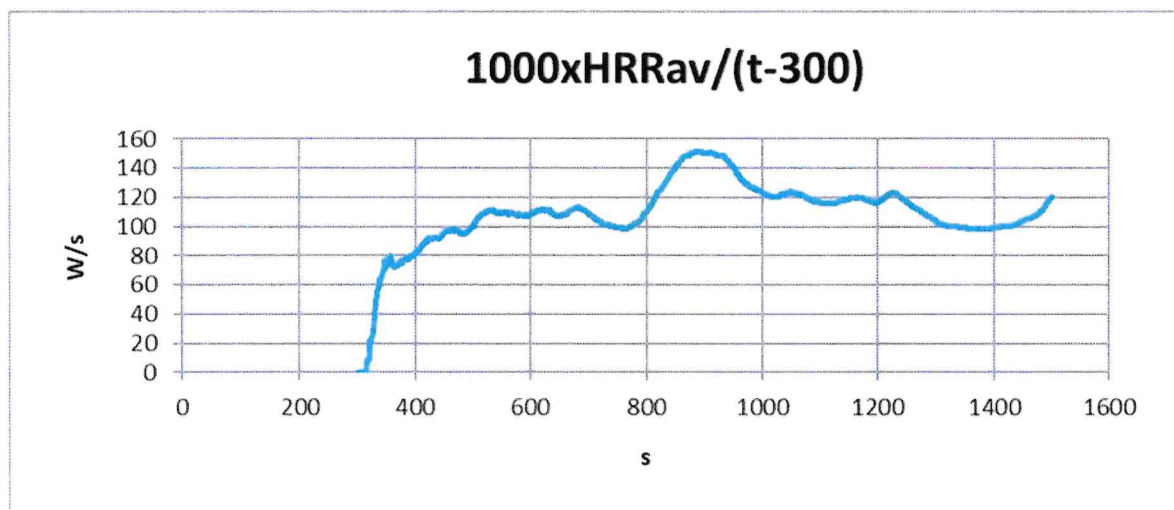
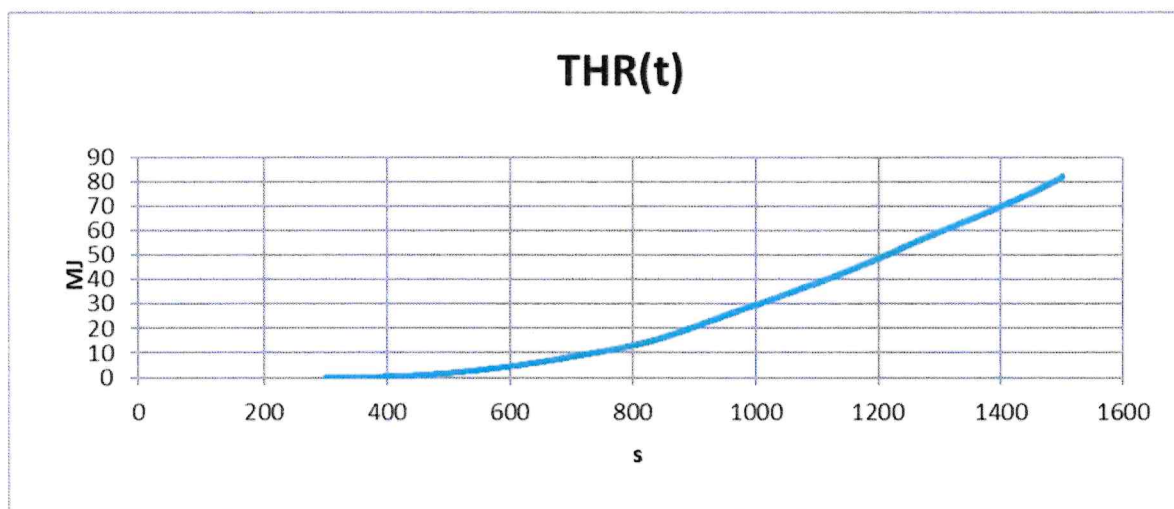
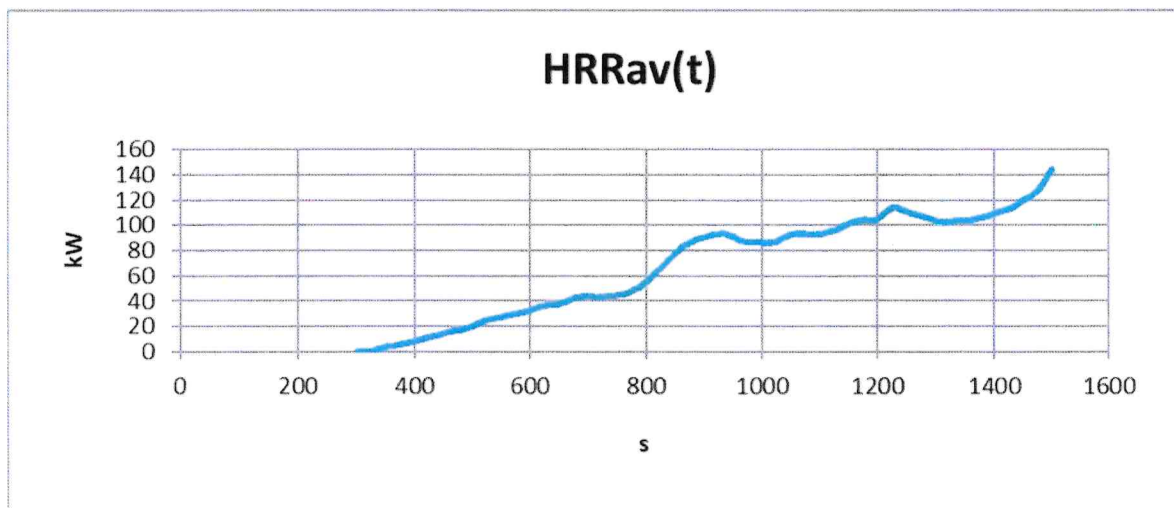
List of appendixes:

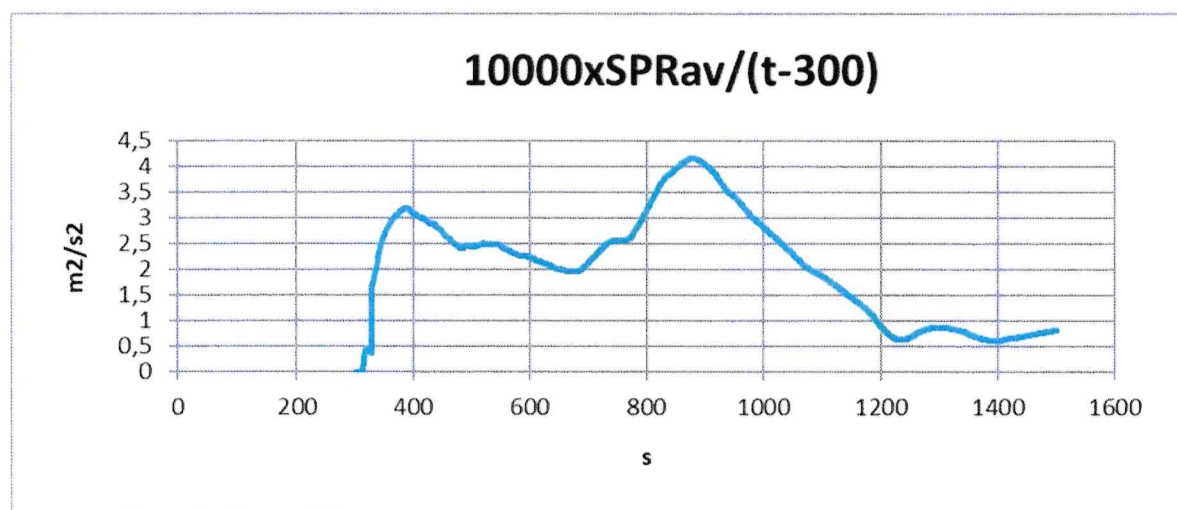
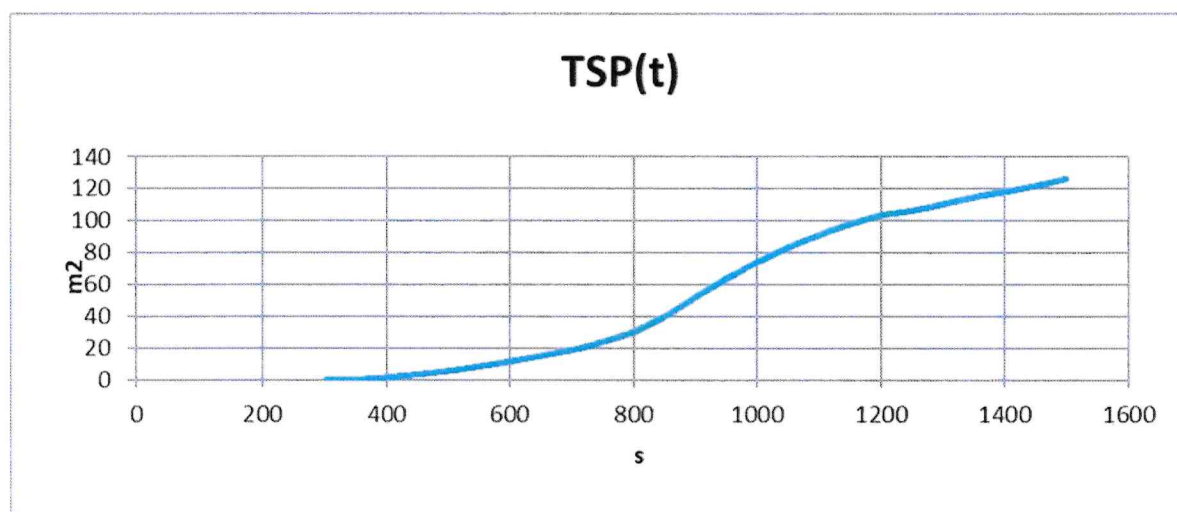
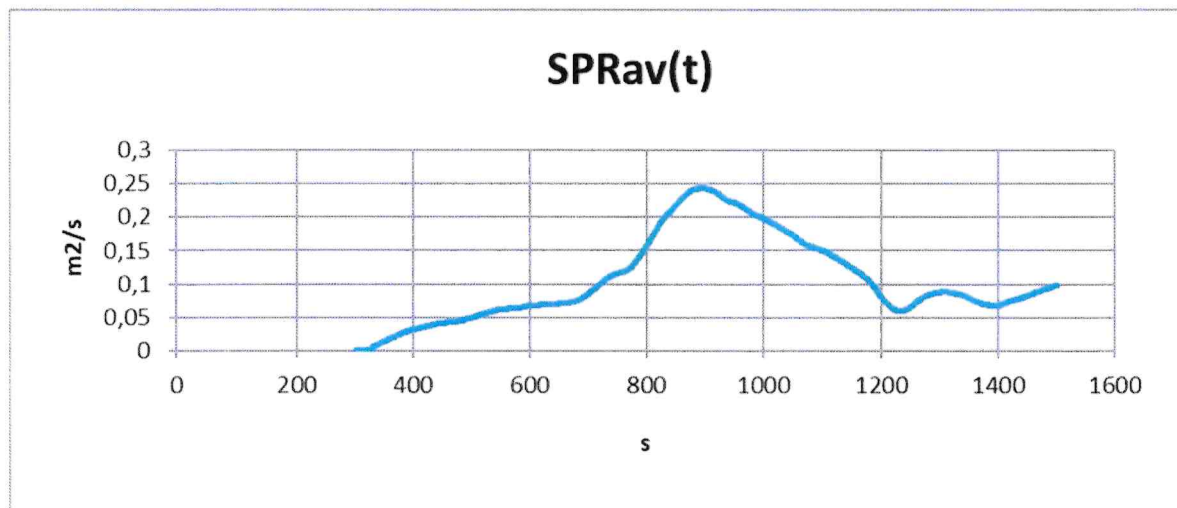
Appendix No. 1: The photograph of the exposed surface of the test specimen

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

END OF TEST REPORT

Photograph of the exposed surface of long wing 	Photograph of the exposed surface of short wing 
Photograph of the exposed surface taken from the opposite of corner line 	Photograph of the exposed surface during the test 







Institut pro testování a certifikaci, a.s.
Divize CSI - Centrum stavebního inženýrství

Fire Technical Laboratory

**AUTHORIZED
BODY**

**NOTIFIED
BODY**

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH ČSN EN 13501-1:2019

Applicant: AIROLAM LTD.
Dalpur Village, Nanapur Approach
Road, Ta.: Prantij,
Dist.: S.K., Nr. Ahmedabad,
Gujarat - 383120, India

Prepared by: Institut pro testování a certifikaci, a.s.
Divize CSI – Centrum stavebního
inženýrství
Pražská 16, 102 00 Praha 10
Czech Republic

Product name: *Compact Laminate for exterior wall
claddings, Grade EDF, Thickness
6.0mm, Brand Name "AIROLAM"*

**Classification
report No.:** PK-23-177

Issue number: 1/2

Date of issue: 18th October 2023

This classification report consists of 4 pages and may only
be used or reproduced in its entirety.

1. DETAILS OF CLASSIFIED PRODUCT

Nature and end use application:

The product, *Compact Laminate for exterior wall claddings, Grade EDF, Thickness 6.0mm, Brand Name "AIROLAM"*, is defined as a type of HPL composite panel according to ČSN EN 438-7.

Description:

The product *Compact Laminate for exterior wall claddings, Grade EDF, Thickness 6.0mm, Brand Name "AIROLAM"* is fully described in the test reports in support of the classification listed in clause 2.

2. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

Test reports

Name of laboratory	Name of sponsor	Test report ref. no.	Test method
ITC a.s. - Divize CSI, AZL No. 1007.4	AIROLAM LTD.	23/P421	ČSN EN ISO 11925-2
		23/P422	ČSN EN 13823

Measured values and test results:

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
ČSN EN ISO 11925-2	$F_s \leq 150 \text{ mm}^{(1)}$	6	yes	yes (B to D) no (d0)
	ignition of the filter paper ⁽¹⁾	6	no	
	$F_s \leq 150 \text{ mm}^{(2)}$	6	yes	
	ignition of the filter paper ⁽²⁾	6	no	
ČSN EN 13823	$FIGRA_{0,4 \text{ MJ}}$ (W/s)	3	172,8	≤ 250 (C)
	$LFS > \text{edge}$	3	no	no (B, C)
	$THR_{600 \text{ s}}$ (MJ)	3	16,6	> 15 (D)
	$SMOGRA$ (m ² /s ²)	3	3,9	≤ 30 (s1)
	$TSP_{600 \text{ s}}$ (m ²)	3	31,4	≤ 50 (s1)
	flaming droplets / particles	3	no	no (d0)

(1): surface flame attack, exposition = 30 s

(2): edge flame attack, exposition = 30 s

3. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

Reference and direct field of application

This classification has been carried out in accordance with the clause 11.4, 11.9.2 and 11.10.1 of ČSN EN 13501-1:2019.

Classification

The product *Compact Laminate for exterior wall claddings, Grade EDF, Thickness 6.0mm, Brand Name "AIROLAM"*, in relation to its reaction to fire behaviour is classified:

D

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 *Compact Laminate for exterior wall claddings, Grade EDF, Thickness 6.0mm, Brand Name "AIROLAM"* is:

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

Reaction to fire classification: D-s1, d0

Field of application:

This classification is also valid for the following product parameters:

- thickness ≥ 6 mm

This classification is valid for the following end use conditions:

- valid for interior and exterior applications
- supporting frame: valid for wood-based frame or any other frames (for example aluminium or steel frame)
- fixing: valid for fixing spacing up to 800 mm

4. LIMITATIONS**Restrictions**

This classification report is valid, provided that the technical specifications of the product will not be changed.

Warning

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

Prepared:



.....
Jiří Socha



Reviewed:



.....
Vít Slaboch
head of laboratory



TEST REPORT

No. 23/P421

Job No.: 415500907

No. of pages: 3

No. of copies: 2

Copy No.: 1

Name of test: Determination of ignitability of construction products

Material/product/construction: Compact Laminate for exterior wall claddings, Grade EDF, Thickness 6.0mm, Brand Name "AIROLAM"

Sponsor: AIROLAM LTD.
Dalpur Village, Nanapur Approach Road,
Ta.: Prantij, Dist.: S.K., Nr. Ahmedabad,
Gujarat - 383120, India

Manufacturer: AIROLAM LTD.
Dalpur Village, Nanapur Approach Road,
Ta.: Prantij, Dist.: S.K., Nr. Ahmedabad,
Gujarat - 383120, India

Test specimens delivery date: 29th August 2023

Workplace: Fire technical laboratory

Location: Pražská 16, Praha 10 – Hostivař

Date of test: 15th October 2023

Date of issue: 18th October 2023



Reviewed by:
Vít Slaboch

Technical manager of laboratory

Approved by:
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Head of laboratory

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web: www.csias.cz



1. Test assignment

The test has been done on the base of order of internal cooperation no. 415600907.

2. Test method

ČSN EN ISO 11925-2:2020 Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test

3. Test specimens

The test specimens were delivered by sponsor. Marking of the test specimens in laboratory: 23/P421/1 - 12.

Composition: Undeclared

Description of test specimen: White sheets of thickness 6 mm, mass per unit area approx. 9,6 kg/m².

4. Test equipment

- 1) Test device according to ČSN EN ISO 11925-2 (Reg. No. 746)
- 2) Digital stop watch (Reg. No. 4)
- 3) Yardstick (Reg. No. 148)
- 4) Metallic gauge (Reg. No. 73)
- 5) Metallic gauge (250 x 90) mm (Reg. No. 8)
- 6) Thermometer / relative humidity meter (Reg. No. 74)
- 7) Metallic gauge 10 mm (Reg. No. 77)
- 8) Weighing scale (Reg. No. 155)
- 9) Digital anemometer (Reg. No. 67)

5. Test results and conclusion

Conditioning: from 29th August 2023 according to ČSN EN 13238

Laboratory conditions: temperature T = 23°C; relative humidity RV = 36 %

a) front side, surface flame attack, exposition time: 30 s

Test specimen No.	1	2	3	4	5	6
Orientation	lengthwise			crosswise		
Ignition of test specimen [Y/N]	N	N	N	N	N	N
Time to reaching mark [s]	(-)	(-)	(-)	(-)	(-)	(-)
Ignition of filter paper [Y/N]	N	N	N	N	N	N

b) edge flame attack, exposition time: 30 s

Test specimen No.	7	8	9	10	11	12
Orientation	lengthwise			crosswise		
Ignition of test specimen [Y/N]	N	N	N	N	N	N
Time to reaching mark [s]	(-)	(-)	(-)	(-)	(-)	(-)
Ignition of filter paper [Y/N]	N	N	N	N	N	N

Annotation: (-) = flame tip did not reach the mark.



6. Measurement uncertainty

Expanded measurement uncertainty of length is ± 1 mm. Expanded measurement uncertainty of time is $\pm 0,5$ s. The mentioned expanded uncertainties are obtained by multiplying the standard uncertainties by a coverage factor $k=2$, which corresponded to a level of confidence of 95 %. Standard uncertainties have been determined in accordance with document EA - 4/02 M.

7. Declaration

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. The test report shall be reproduced in full only. The results of tests are concerned only with the subject of testing. The test report shall be reproduced in full only.

Distribution of test reports:

Copy No. 1 – sponsor

Copy No. 2 – laboratory archive

List of appendixes:

without appendixes

END OF TEST REPORT



TEST REPORT

No. 23/P422

Job No.: 415600907

No. of pages: 3 + 2 app.

No. of copies: 2

Copy No.: 1

Name of test: Reaction to fire of building products - SBI test

Material/product/construction: Compact Laminate for exterior wall claddings, Grade EDF, Thickness 6.0mm, Brand Name "AIROLAM"

Sponsor: AIROLAM LTD.
Dalpur Village, Nananpur Approach Road,
Ta.: Prantij, Dist.: S.K., Nr. Ahmedabad,
Gujarat - 383120, India

Manufacturer: AIROLAM LTD.
Dalpur Village, Nananpur Approach Road,
Ta.: Prantij, Dist.: S.K., Nr. Ahmedabad,
Gujarat - 383120, India

Test specimens delivery date: 29th August 2023
Workplace: Fire technical laboratory
Location: Pražská 16, Praha 10 – Hostivař
Date of test: 12th – 13th October 2023
Date of issue: 18th October 2023



Reviewed by:
Vít Slaboch
Technical manager of laboratory

Approved by:
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web: www.csias.cz

1. Test assignment

The test has been done on the base of order of internal cooperation no. 415600907.

2. Test methods

ČSN EN 13823+A1:2022 Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item.

3. Test specimens

The test specimens were delivered by sponsor. Marking of the test specimens in laboratory: 23/P422

Composition: Undeclared

Description of test specimen: White sheets of thickness 6 mm, mass per unit area approx. 9,6 kg/m². Front side and back side are identical. Panels were mechanically fixed on the standard wooden frame specified in ČSN EN 438-7, Annex B, composed of spruce-wood. The test specimen was constructed according to the ČSN EN 438-7, Annex B with opened horizontal joint and with standard insulating material of thickness 50 mm and density 70 kg/m³.

4. Test equipment

- 1) Test device according to ČSN EN 13823 (Reg. No. 703)
- 2) Yardstick (Reg. No. 2)
- 3) Digital stop watch (Reg. No. 22)
- 4) Mass flow meter of propane (Reg. No. 151)
- 5) Thermometer / relative humidity meter (Reg. No. 5)
- 6) Digital anemometer (Reg. No. 67)
- 7) Digital barometer (Reg. No. 12)
- 8) AD converter (Reg. No. 45)
- 9) Micro pressure gauge (Reg. No. 163)
- 10) Weighing scale (Reg. No. 50)
- 11) Coated thermocouple 0,5 mm (Reg. No. 159)
- 12) Coated thermocouple 0,5 mm (Reg. No. 160)
- 13) Coated thermocouple 0,5 mm (Reg. No. 161)
- 14) Coated thermocouple 1,5 mm (Reg. No. 21)

5. Test results and conclusion

Conditioning: From 29th August 2023 according to ČSN EN 13238



Test specimen no.	1	2	3	Ø	Expanded uncertainty
Date of test	10-12	10-12	10-13		
LFS < edge	yes	yes	yes	yes	(-)
FIGRA _{0,2 MJ} [W/s]	176,3	182,4	159,8	172,8	31,1
FIGRA _{0,4 MJ} [W/s]	176,3	182,4	159,8	172,8	31,1
THR _{600 s} [MJ]	16,6	17,1	16,2	16,6	2,6
SMOGRA [m ² /s ²]	3,4	4,3	4,0	3,9	2,4
TSP _{600 s} [m ²]	28,1	33,7	32,3	31,4	8,0
Flaming droplets/particles	no	no	no	no	(-)
Time of flaming [s]	(-)	(-)	(-)	(-)	(-)

6. Measurement uncertainty

The mentioned expanded uncertainties are obtained by multiplying the standard uncertainties by a coverage factor $k=2$, which corresponded to a level of confidence of 95 %. Standard uncertainties have been determined in accordance with document EA - 4/02 M.

7. Declaration

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. The test report shall be reproduced in full only. Given that, the samples were provided by the sponsor, the results relate to the samples as it were received.

Distribution of test reports:

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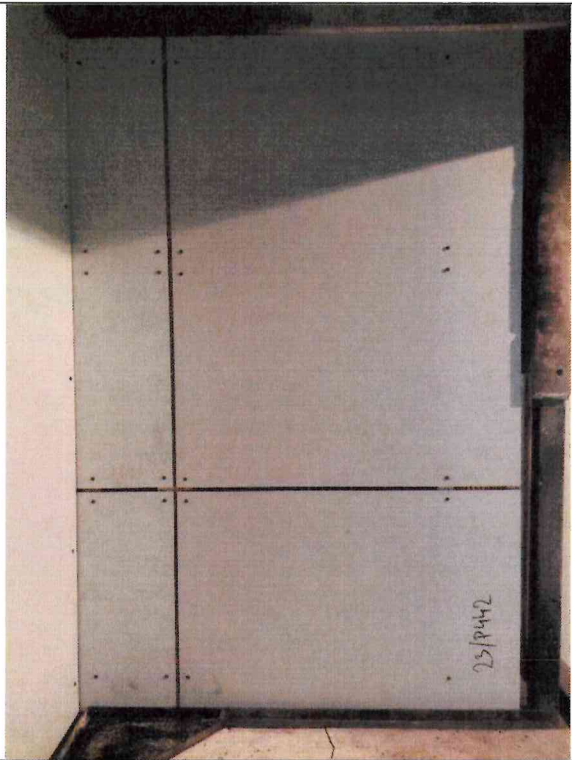
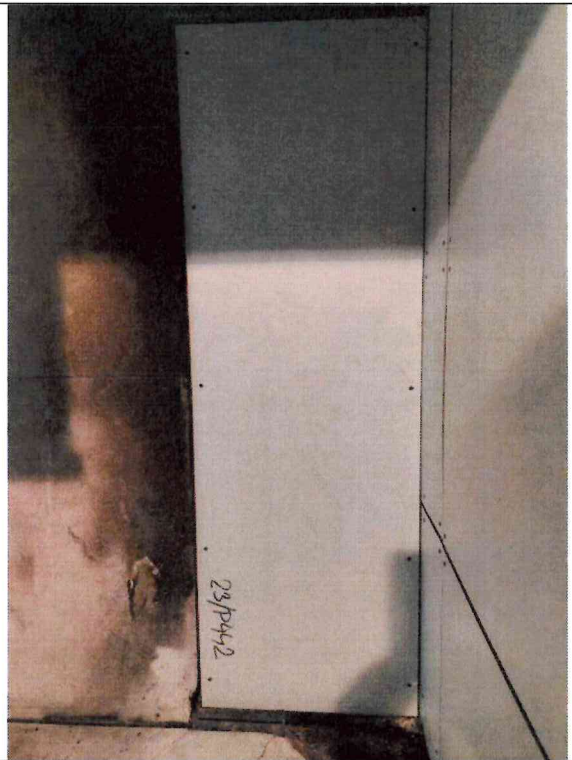
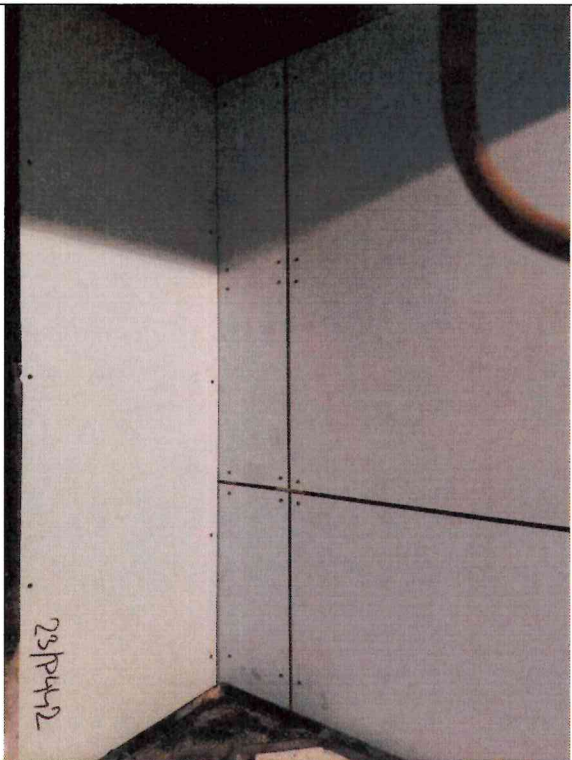
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List of appendixes:

Appendix No. 1: The photograph of the exposed surface of the test specimen

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

END OF TEST REPORT

Photograph of the exposed surface of long wing	Photograph of the exposed surface of short wing
 A photograph showing the exposed surface of the long wing of a test specimen. The surface is a light-colored, rectangular panel with visible vertical and horizontal joints. The panel is mounted on a dark, possibly metallic, frame. The handwritten label '23/P422' is visible in the bottom right corner of the panel.	 A photograph showing the exposed surface of the short wing of a test specimen. The surface is a light-colored, rectangular panel with visible vertical and horizontal joints. The panel is mounted on a dark, possibly metallic, frame. The handwritten label '23/P422' is visible in the bottom left corner of the panel.
Photograph of the exposed surface taken from the opposite of corner line	Photograph of the exposed surface during the test
 A photograph showing the exposed surface of the test specimen taken from the opposite of the corner line. The surface is a light-colored, rectangular panel with visible vertical and horizontal joints. The panel is mounted on a dark, possibly metallic, frame. The handwritten label '23/P422' is visible in the bottom left corner of the panel.	 A photograph showing the exposed surface of the test specimen during the test. The surface is a light-colored, rectangular panel with visible vertical and horizontal joints. The panel is mounted on a dark, possibly metallic, frame. The handwritten label '23/P422' is visible in the bottom left corner of the panel. The panel is surrounded by a large, bright, yellow-orange flame, indicating a fire test.

