



Notified Body No 1023  
**INSTITUTE FOR TESTING AND CERTIFICATION, Plc**  
Trida Tomase Bati 299, Louky, 763 02 Zlin, CZECH REPUBLIC

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

## No 1023-CPR-0556 P

Construction product : **ASD Laminat Compact FR Line – compact laminate panels for internal wall and ceiling finishes, HPL-CGF t ≥ 6 mm laminate**

Product parameters: *Reaction to fire class: B-s1, d0, intended use: internal wall and ceiling finishes*

Placed on the market under the name or trade mark of: **ASD LAMINAT ANONİM ŞİRKETİ**  
**Yeşilköy mah. Atatürk cad. İstanbul Dünya Ticaret Merkezi**  
**Blokları A1 blok No: 10/1 Kat:16 ofis no: 463-465-466**  
**Bakırköy-İSTANBUL, Turkey**

Relevant standard(s): **EN 438-7:2005** High-pressure decorative laminates (HPL) Sheets based on thermosetting resins (Usually called Laminates) – Part 7: Compact laminate and HPL composite panels for internal and external wall and ceiling finishes

Report No: 753500934A/2013, 343505950/2016, 343506570/2017, 753501700/2019

Certificate first issued on: 2013-12-16

Notified Body No 1023, in compliance with Regulation (EU) No 305/2011 (CPR), attests that:

- All provisions relating to the Assessment and Verification of Constancy of Performance (AVCP) described in Annex ZA of the above harmonized standard(s) under **AVCP System 1** have been applied
- The performance of the construction product above has been assessed to ensure the constancy of performance of the construction product.

The assessment of performance of the construction product and findings from the initial inspection of the manufacturing plant and factory production control are summarized in the above mentioned Supervision Report.

This certificate remains valid as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the Notified Body.



*Paul Heš*  
Jiří Heš

Representative of Notified Body No 1023

**Revision c): 2019-01-30**

Replaces the withdrawn certificate 1023-CPR-0556 P (Revision b) issued on 2017-12-29



## INSTITUTE FOR TESTING AND CERTIFICATION, INC.

třída Tomáše Bati 299, Louky, 763 02 Zlín, Czech Republic

# FINAL REPORT

Reference No. 75 35 01700/ 2019

**Applicant:** **ASD LAMINAT ANONİM ŞİRKETİ**  
Yeşilköy mah. Atatürk cad. İstanbul Dünya Ticaret Merkezi  
Blokları A1 blok No: 10/1 Kat:16 ofis no: 463-465-466  
Bakırköy- İSTANBUL, Turkey  
(previous the applicant's name and address: ASD Orman  
Ürünleri Pazarlama San. Tic. A.Ş.  
Keresteciler Sitesi, 3. ada, 2. sk. No:15/17,  
Ikitelli, İstanbul, Turkey)

**Product:** **ASD Laminat Compact FR Line - compact laminate panels  
for internal wall and ceiling finishes, HPL-CGF t ≥ 6 mm  
laminate**

**Manufacturer:** **ASD LAMINAT ANONİM ŞİRKETİ**  
Yeşilköy mah. Atatürk cad. İstanbul Dünya Ticaret Merkezi  
Blokları A1 blok No: 10/1 Kat:16 ofis no: 463-465-466  
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Keresteciler Sitesi, 3. ada, 2. sk. No:15/17,  
Ikitelli, İstanbul, Turkey)

**Elaborated by:** Milan Kovář

**Issued on:** 30<sup>th</sup> January 2019



Jiří Heš

Representative of Notified Body No. 1023



## **1. Introduction, product specification**

The product contains a fire (flame) retardant (flame-retardant grade) – CGF type.

Panel thickness range:  $\geq 6$  mm.

On 29/11/2018 the manufacturer applied for re-testing of the product on reaction to fire.

On the basis of the order, reaction to fire testing was performed.

## **2. Assessment and verification of constancy of performance according to Regulation (EU) No 305/2011 of the European Parliament and of the Council, as amended**

Compact laminate panels for wall and ceiling finishes as construction products are assessed on the basis of relevant clauses of the Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9th March 2011 laying down harmonised conditions for marketing of construction products and repealing Council Directive 89/106/EEC, as amended (called „CPR“)

### **2.1. System of assessment and verification of constancy of performance (AVCP)**

The submitted product is assessed pursuant to system of AVCP 1 of the CPR (Annex V).

The type testing was carried out according to Annex ZA of the standard ČSN EN 438-7:2005 (EN 438-7:2005).

*Remark:*

*European standards after their becoming available are subsequently adopted as national standards. All the ČSN EN standards cited in this report were issued with the same number as the EN standards with equal requirements*

### **2.2. Indicators specifying basic requirements for construction works**

The initial type testing (testing) was carried out by the notified body (the notified test laboratory) in the following range of relevant properties according to Table ZA.3a (of the EN 438-7):

- Reaction to fire
  - Ignitability – surface and edge exposure according to ČSN EN ISO 11925-2 (exposure time: 30 s)
  - Single burning item (SBI) test according to ČSN EN 13823+A1 and Annex B of ČSN EN 438-7
  - Classification according to EN 13501-1+A1

### **2.3. Sampling place and number of samples taken**



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The sampling of the test samples has been carried out by the representative of the Notified Body No. 1023 in the manufacturing plant (Düzce, Turkey):

The sampling is documented:

- Sampling Sheet, elaborated by the Notified Body's representative on 29th November 2018

The number of the samples received was as follows:

- ASD Laminat Compact FR Line - compact laminate panels for internal wall and ceiling finishes, HPL-CGF in quantity: 3 pcs of (500 x 1500 x 6) mm, 3 pcs of (200 x 500 x 6) mm, 3 pcs of (800 x 500 x 6) mm, 3 pcs of (200 x 1000 x 6) mm, 3 pcs of (800 x 1000 x 6) mm, 1 pc of (700 x 1000 x 6) mm

The test samples were delivered and registered under the registration number: 75 35 01700/1 on 10th January 2019.

## 2.4. Place and date of testing

- Centrum stavebního inženýrství (CSI), a.s. Prague, Fire Technical Laboratory, Accredited test laboratory No.1007.4, NB 1390 (January 2019)

## 2.5. Test results

Table 1 – Ignitability results (compact laminate panel thickness: 6 mm)

Characteristic (parameter)	Surface exposure (lengthwise/crosswise)  (characteristic for individual test specimens)	Edge exposure (lengthwise/crosswise)  (characteristic for individual test specimens)
Ignition of the test specimen Yes/No	No, No, No/ No, No, No	No, No, No/ No, No, No
Flame reaching of a mark in distance of 150 mm Yes/No	No, No, No/ No, No, No	No, No, No/ No, No, No
Burning time to reach 150 mm (s)	-, -, -/ -, -, -	-, -, -/ -, -, -
Ignition of the filter paper	No, No, No/ No, No, No	No, No, No/ No, No, No



Table 2 – SBI test results (compact laminate panel thickness: 6 mm, without the standard insulation material)

Characteristic (parameter)	Determined values of the parameter for individual test specimens			Mean value of the parameter
LFS < edge	Yes	Yes	Yes	Yes
FIGRA <sub>0,2 MJ</sub> (W/s)	39.9	35.6	41.8	39.1
FIGRA <sub>0,4 MJ</sub> (W/s)	39.9	35.6	41.8	39.1
THR <sub>600s</sub> (MJ)	4.6	4.2	4.7	4.5
SMOGR <sub>A</sub> (m <sup>2</sup> /s <sup>2</sup> )	4.0	3.1	4.2	3.8
TSP <sub>600s</sub> (m <sup>2</sup> )	42.7	45.7	44.6	44.3
Flaming (burning) droplets/particles	No	No	No	No
Time of flaming (s)	(-)	(-)	(-)	(-)

Table 3 – Reaction to fire classification

Product	Fire behaviour	Smoke production	Flaming droplets	Final class
The product, specified in Art. 1 of this Final Report, product thickness ≥ 6 mm	B	s1	d0	<b>B – s1, d0</b>

## 2.6 Comparison of the product properties with specified requirements

The test results (in range of Clause 2.2 of the present Final Report) are in full compliance with the requirements of EN 438-7 and requirements, declared by the manufacturer

## 3. Initial inspection of the manufacturing plant and of the factory production control (FPC)

The initial inspection was performed on 15th March 2011 and it is documented by:



- Initial inspection report of assessment of the FPC in manufacturing plant: ASD Orman Ürünleri Paz. San. Tic. A.Ş., Düzce, Turkey on 15th March 2011

The assessment of the manufacturer's FPC was performed according to Clause 5.3 of ČSN EN 438-7 (EN 438-7)

Once a year continuous surveillance have been performed in the manufacturing plant (Düzce, Turkey)

#### **4. Continuous (continuing) surveillance**

A continuous surveillance of proper operation of the manufacturer's factory production control at the manufacturing plant will be carried out once a year.

#### **5. Conclusion**

The NB 1023 confirms that all provisions concerning the AVCP described in the Annex ZA of the ČSN EN 438-7 (EN 438-7) standard, under system 1 are applied and the product fulfils all the prescribed requirements.

The product meets requirements for the issue of the **Certificate of Constancy of Performance No 1023-CPR-0556 P (Revision c)** of the product by the Notified Body.

#### **6. A list of documents used to working out the Final Report**

- Order No. 753501700 for new reaction to fire testing
- Final Report No. 753500934A/2013, elaborated by Notified Body No. 1023 – ITC Zlin on 16/12/2013
- Certificate of Constancy of Performance No 1023-CPR-0556 P (Revision b), issued by Notified Body No. 1023 – ITC Zlin on 29/12/2017
- EN 438-7: 2005 High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (Usually called Laminates) – Part 7: Compact laminate and HPL composite panels for internal and external wall and ceiling finishes/
- Test Reports, No.19/440/P027 and No.19/440/P028, elaborated by Centrum stavebního inženýrství a.s., Fire Technical Laboratory, Prague, on 30/01/2019
- Classification Report using Results of Reaction to Fire No. 75 35 01700K/2019, elaborated by ITC, a.s. Zlín, on 30/01/2019
- Sampling Sheet, elaborated by the Notified Body's representative on 29th November 2018