



Zkušebna fyzikálních vlastností materiálů, konstrukcí a budov - Praha

Zkušební laboratoř č. 1007.4

akreditovaná ČIA dle ČSN EN ISO/IEC 17025:2018

INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a.s.

Divize CSI – Centrum stavebního inženýrství

Praha 10 – Hostivař, Pražská 16, PSČ 102 00



TEST REPORT

No. 21/P273

Job No.: 412503666

No. of pages: 3

No. of copies: 2

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Name of test: Determination of ignitability of construction products

Material/product/construction: Compact laminate for external claddings, type: EDF, thickness 6 mm

Sponsor: Institut pro testování a certifikaci a.s.
unit 250
Třída Tomáše Bati 299
763 02 Zlín - Louky

Manufacturer: Greenlam Industries Limited
Vill-Paterh Bhonku, P.O.-Panjehra,
Tehsil-Nalagarh, Distt-Solan (HP).
Nalagarh-174101

Test specimens delivery date: 3rd June 2021

Laboratory name: Fire technical laboratory

Location: Pražská 16, Praha 10 – Hostivař

Date of test: 10th June 2021

Date of issue: 15th June 2021



Reviewed by:
Vít Slaboch

Technical manager of laboratory

Approved by:
Vít Slaboch
Head of laboratory

email.: slaboch@csias.cz
phone: +420 721 933 871
fax.: +420 271 751 122

slaboch@csias.cz
+420 281 017 451
www.csias.cz



1. Test assignment

The test has been done on the base of order no. 412503666-1.

2. Test method

ČSN EN ISO 11925-2 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: 21/P273/1 - 12.

Composition: Undeclared

Description of test specimen: Brown sheets of thickness 6 mm, mass per unit area 8,70 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 3rd June 2021 according to ČSN EN 13238

Laboratory conditions: temperature T = 25°C; relative humidity RV = 26 %

a) 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

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

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. 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:

without appendixes

END OF TEST REPORT