



CENTRUM STAVEBNÍHO INŽENÝRSTVÍ a.s.

Zkušebna fyzikálních vlastností materiálů, konstrukcí a budov - Praha
Zkušební laboratoř č. 1007.4 akreditovaná ČIA dle ČSN EN ISO/IEC 17025
Pražská 16, 102 00 Praha 10 Hostivař

TEST REPORT

Nr. 14/761/P482



Job Nr.: Z-14/347/P173

Nr. of pages: 3

Nr. of copies: 2

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Name of test:

Determination of ignitability of construction products

Material/product/construction:

Window / door PVC profiles VEKA Softline 82

Sponsor:

VEKA POLSKA Sp. z o.o.
ul. Sobieskiego 71
PL 96-100 Skierniewice

Manufacturer:

VEKA POLSKA Sp. z o.o.
ul. Sobieskiego 71
PL 96-100 Skierniewice

Test specimens delivery date:

3rd November 2014

Workplace:

Fire technical laboratory

Location:

Pražská 16, Praha 10 – Hostivař

Date of test:

29th December 2014

Date of issue:

9th January 2015

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1. Test assignment

The test has been done on the base of order issued on 2014-11-03.

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: 14/P482/1 - 12.

Composition: PVC

Description of test specimen: White PVC profile (profile Nr. 105.380) of width 125 mm. Maximum wall thickness 3,5 mm. Weight of profile 2,59 kg/m. The test specimens were cut to thickness 60 mm from non-exposed side.

4. Test equipment

- 1) Test device according to ČSN EN ISO 11925-2 (Reg. Nr. 746)
- 2) Digital stop watch (Reg. Nr. 4)
- 3) Yardstick (Reg. Nr. 148)
- 4) Metallic gauge (Reg. Nr. 73)
- 5) Metallic gauge (250 x 90) mm (Reg. Nr. 8)
- 6) Thermometer / relative humidity meter (Reg. Nr. 74)
- 7) Metallic gauge 10 mm (Reg. Nr. 77)
- 8) Weighing scale (Reg. Nr. 155)
- 9) Digital anemometer (Reg. Nr. 67)

5. Test results and conclusion

Conditioning: from 5th November according to ČSN EN 13238

Laboratory conditions: temperature T = 24°C; relative humidity RV = 39 %

a) Surface flame attack, exposition time: 30 s

Test specimen Nr..	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

Observations during the test: The test specimens did not ignite by the effect of ignition source.

b) Edge flame attack, exposition time: 30 s

Test specimen Nr..	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

Observations during the test: The test specimens did not ignite by the effect of ignition source.

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“.

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.

Measured by: Vít Slaboch



Test report prepared by: Vít Slaboch

Distribution of test reports:

Copy Nr. 1 – sponsor

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List of appendixes:

without appendixes

END OF TEST REPORT

