



TEST REPORT

No. 20/P667

Job No.: 415500003

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Name of test: Determination of flame propagation along the surface of building materials

Material/product/construction: Acoustic polyester material Mappyfiber

Sponsor: Acoustic solution s.r.o.
793 16 Čaková 73
Czech Republic

Manufacturer: Mappy Italia S.p.A.
Italy

Test specimens delivery date: 14th December 2020

Workplace: Fire technical laboratory

Location: Pražská 16, Praha 10 - Hostivař

Date of test: 11th January 2021

Date of issue: 11th January 2021



Reviewed by:

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1. Test assignment

The test has been done on the base of order issued on 11th December 2020.

2. Test method

ČSN 73 0863: Determination of flame propagation along the surface of building materials

3. Test specimens

The test specimens were delivered by manufacturer.
Marking of the test specimens in laboratory: 19/P667
Composition: Polyester fibers
Appearance: White soft fiber board of thickness 40 mm

4. Test equipment

- 1) Equipment in according to ČSN 73 0863 (Ev. č. 785)
- 2) Digital stop watch (Ev. č. 63)
- 3) Thermometer/hygrometer (Ev. č. 81)

5. Test results

Sample No.	1	2	3	mean value	U
Date of tests	11 th January	11 th January	11 th January		
τ_A [min]	n	n	n	n	
τ_B [min]	n	n	n	n	
v_s [mm/min]				0	
i_s [mm/min]				0	-

Annotation: n = not measured until 30th minute of test

6. Conclusion

The Flame propagation Index along the surface of material „Acoustic polyester material Mappyfiber“ was calculated on the base of measured values: $i_s = 0$ mm/min

7. 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“.

8. 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.

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END OF TEST REPORT