



Determination of the ignitability according to SFS-EN 1102

TETRIX Superflat Dual-Coated



Requested by: Ab TETRIX Oy

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Order 22 February 2018 / Ninni Stenhäll

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Assignment **Determination of the ignitability of a product**

Product The customer gave the following information about the product:
Name: TETRIX Superflat Dual-Coated
Description: PVC coated polyester fabric
Area weight: 350 g/m² (Controlled by VTT)

Samples Dates of delivery: 7 March 2018 and 19 March 2018
Tape of samples: white coated fabrics
The samples were chosen by the customer.

Date of test 23 March 2018

Test method SFS-EN 1102:2016 *Textiles and textile products. Burning behaviour: Curtains and drapes. Detailed procedure to determine the flame spread of vertically oriented specimens*

Deviation Ambient humidity during the test was 11 % RH. According to the standard it should be 35...65 % RH. The deviation did not have an influence on the final result.

Results The test results are shown in Appendix 1.



The test results relate only to the sample tested.

Note The test results relate to the ignitability of the tested 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 in use.

Summary On the basis of the test results the product TETRIX Superflat Dual-Coated meets the requirements of ignitability class SL 2 (normally ignitable) for curtains when classified according to the instructions of RT 08-11098 (SIT 08-610087, KH 60-00506) by Finnish Building Information Foundation RTS.

Espoo, 5 April 2018



Kai Renholm
Business Manager



Tiia Ryyänen
Product Manager

APPENDICES Appendix 1, test results

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The test results relate only to the sample tested.

TEST RESULTS

Product name: TETRIX Superflat Dual-Coated

Test method: SFS-EN 1102

Test conditions: 21 °C, 11 % RH

Flame application time: 10 s

Exposure conditions: Surface exposure

Shiny side:

Specimen	Flame spread to first marker thread ¹⁾ (s)	Flame spread to third marker thread ²⁾ (s)	Afterflame (s)	Flaming debris
1 ↑	*	*	28	No
2 ↑	*	*	17	No
3 ↑	*	*	18	No
4 →	*	*	42	No
5 →	*	*	22	No
6 →	*	*	15	No

Matt side:

Specimen	Flame spread to first marker thread ¹⁾ (s)	Flame spread to third marker thread ²⁾ (s)	Afterflame (s)	Flaming debris
1 ↑	*	*	20	No
2 ↑	*	*	15	No
3 ↑	*	*	17	No
4 →	*	*	15	No
5 →	*	*	22	No
6 →	*	*	14	No

↑ and →: lengthwise and crosswise directions of the product

1) first marker thread was 220 mm from ignition point

2) third marker thread was 520 mm from ignition point

* flame did not spread to the marker thread