



**Indetex nv**  
**Rue du Mont Gallois 58**  
**7700 MOUSCRON**

**Your notice of**  
14-03-2024

**Your reference**

**Date**  
12-04-2024

## Analysis Report 24.01450.01

Required tests :

**IMO - 2010 FTP Code Annex 1 - Fire Test Procedures - Test for vertically supported textiles and films**  
**Fire test procedures - Part 7**

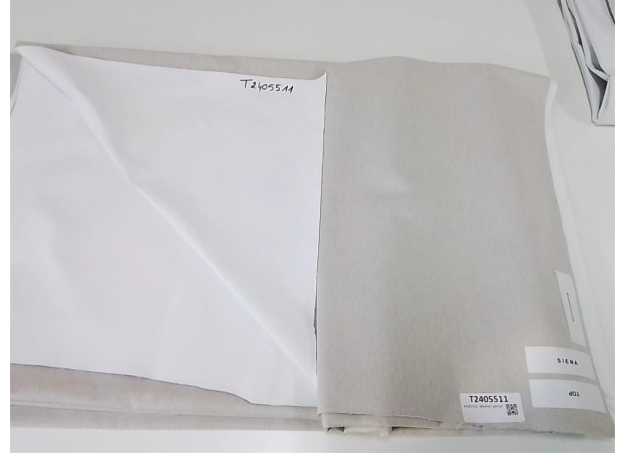
Sample id	Information given by the client	Date of receipt
T2405511	SIENA	14-03-2024

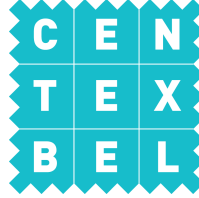
Petra Wittevrongel  
Order responsible

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The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.  
In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.

**Samples**

T2405511  
SIENA





**Reference:** T2405511 - SIENA

**IMO curtains**

**Information given by the client**

Type of material	Curtain
<b>Fabric</b>	
Composition	100% polyester
Structure	Weave
Number of threads - warp	-
Number of threads - weft	-
Yarn count - warp	-
Yarn count - weft	-
Thickness in mm	0.5
Weight g/m <sup>2</sup>	405
Colour	-
Inherently FR treated	yes
Description of the coating	Not applicable



**Reference: T2405511 - SIENA**

**Fire Test Procedures - Test for vertically supported textiles and films**

Date of ending the test 10-04-2024  
Standard used IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 7  
Deviation from the standard -  
Conditioning Min 24 hours at 20°C and 65% RH  
The test specimens have not been cleaned nor submitted to an accelerated ageing procedure.  
Information given by the client Front ≠ back  
Dimension of the specimens 220 mm x 170 mm x 1 mm  
Weight (g/m<sup>2</sup>) 433  
Flame application time (s) 5 - 15

**Front**

**Determination of the test conditions.**

**Length**

	Surface		Edge	
<b>Flame application time (s)</b>	<b>5</b>	<b>15</b>	<b>5</b>	<b>15</b>
<b>Afterflame time (s)</b>	0	0	0	0
<b>Surface flash</b>	no	no	no	no
<b>Edge reached</b>	no	no	no	no
<b>Ignition cotton wool</b>	no	no	no	no
<b>Maximum damaged length (mm)</b>	27	67	20	50
<b>Additional observations</b>				
<b>Non-flaming debris</b>	no	no	no	no
<b>Damaged width (mm)</b>	5	16	17	18

No sustained ignition: testing continued under conditions showing the greatest damaged length.

Width

	Surface		Edge	
<b>Flame application time (s)</b>	<b>5</b>	<b>15</b>	<b>5</b>	<b>15</b>
<b>Afterflame time (s)</b>	0	0	0	0
<b>Surface flash</b>	no	no	no	no
<b>Edge reached</b>	no	no	no	no
<b>Ignition cotton wool</b>	no	no	no	no
<b>Maximum damaged length (mm)</b>	25	64	40	56
<b>Additional observations</b>				
<b>Non-flaming debris</b>	no	no	no	no
<b>Damaged width (mm)</b>	10	21	17	18

No sustained ignition: testing continued under conditions showing the greatest damaged length.

**Worst testing conditions**

Length      Surface - flame application time 15 s

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
<b>Afterflame time (s)</b>	0	0	0	0	0	
<b>Surface flash</b>	no	no	no	no	no	
<b>Edge reached</b>	no	no	no	no	no	
<b>Ignition cotton wool</b>	no	no	no	no	no	
<b>Maximum damaged length (mm)</b>	67	63	65	65	69	66
<b>Additional observations</b>						
<b>Non-flaming debris</b>	no	no	no	no	no	
<b>Damaged width (mm)</b>	16	18	16	15	14	

Width Surface - flame application time 15 s

	1	2	3	4	5	Average
<b>Afterflame time (s)</b>	0	0	0	0	0	
<b>Surface flash</b>	no	no	no	no	no	
<b>Edge reached</b>	no	no	no	no	no	
<b>Ignition cotton wool</b>	no	no	no	no	no	
<b>Maximum damaged length (mm)</b>	64	72	66	68	70	68
<b>Additional observations</b>						
<b>Non-flaming debris</b>	no	no	no	no	no	
<b>Damaged width (mm)</b>	21	18	16	18	20	

**Back**

**Determination of the test conditions.**

Length

	Surface		Edge	
	5	15	5	15
<b>Flame application time (s)</b>				
<b>Afterflame time (s)</b>	0	0	0	0
<b>Surface flash</b>	no	no	no	no
<b>Edge reached</b>	no	no	no	no
<b>Ignition cotton wool</b>	no	no	no	no
<b>Maximum damaged length (mm)</b>	27	70	28	50
<b>Additional observations</b>				
<b>Non-flaming debris</b>	no	no	no	no
<b>Damaged width (mm)</b>	10	21	16	18

No sustained ignition: testing continued under conditions showing the greatest damaged length.

Width

	Surface		Edge	
<b>Flame application time (s)</b>	<b>5</b>	<b>15</b>	<b>5</b>	<b>15</b>
<b>Afterflame time (s)</b>	0	0	0	0
<b>Surface flash</b>	no	no	no	no
<b>Edge reached</b>	no	no	no	no
<b>Ignition cotton wool</b>	no	no	no	no
<b>Maximum damaged length (mm)</b>	30	72	38	63
<b>Additional observations</b>				
<b>Non-flaming debris</b>	no	no	no	no
<b>Damaged width (mm)</b>	10	17	13	20

No sustained ignition: testing continued under conditions showing the greatest damaged length.

**Worst testing conditions**

Length      Surface - flame application time 15 s

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
<b>Afterflame time (s)</b>	0	0	0	0	0	
<b>Surface flash</b>	no	no	no	no	no	
<b>Edge reached</b>	no	no	no	no	no	
<b>Ignition cotton wool</b>	no	no	no	no	no	
<b>Maximum damaged length (mm)</b>	70	69	70	73	70	70
<b>Additional observations</b>						
<b>Non-flaming debris</b>	no	no	no	no	no	
<b>Damaged width (mm)</b>	21	20	18	18	19	

Width Surface - flame application time 15 s

	1	2	3	4	5	Average
<b>Afterflame time (s)</b>	0	0	0	0	0	
<b>Surface flash</b>	no	no	no	no	no	
<b>Edge reached</b>	no	no	no	no	no	
<b>Ignition cotton wool</b>	no	no	no	no	no	
<b>Maximum damaged length (mm)</b>	72	75	73	65	72	71
<b>Additional observations</b>						
<b>Non-flaming debris</b>	no	no	no	no	no	
<b>Damaged width (mm)</b>	17	19	20	16	18	

#### ***Criteria for curtains and drapes***

1. Afterflame time  $\leq 5$ s for any specimen tested with face ignition.
2. No flame propagation to the edges for any specimen tested with face ignition..
3. No ignition of the cotton wool for any specimen.
4. Average char length  $\leq 150$  mm in any of the batches tested with face or edge ignition.
5. No occurrence of a surface flash more than 100 mm from the point of ignition.

Remark: If the test for length and/or width is carried out with edge ignition, the results obtained through the edge application are considered for the purposes of the criteria 1 and 2.

#### **The fabric passes the proposed criteria for curtains and drapes.**

The test results relate to the behaviour of the test specimens 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 in use.