



Verotex Industries BV
Edisonweg 3
5466 AR VEGHEL

Your notice of
08-01-2021

Your reference

Date
18-02-2021

Analysis Report 21.00109.07

Required tests :

IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8
IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8
Fire tests - Test for upholstered furniture - smouldering cigarette test
Fire tests - Test for upholstered furniture - Match flame equivalent

Sample id	Information given by the client	Date of receipt
T2100321	XFR-Osmic	08-01-2021

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.



Reference: T2100321 - XFR-Osmic

IMO upholstered furniture

Information given by the client

Type of furniture	Upholstery
Fabric	
Composition	100% polyester inherent FR
Structure	Weave
Number of threads - warp	24.75 + 8.25/cm
Number of threads - weft	4.83 + 2.42 + 21.75/cm
Yarn count - warp	150D + 1433D
Yarn count - weft	1433D + 1666D + 75D
Thickness in mm	0.73
Weight g/m²	350
Colour	Green
Inherently FR treated	yes



Reference: T2100321 - XFR-Osmic

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test 17-02-2021
 Standard used IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8
 Deviation from the standard -
 Conditioning 23°C, relative humidity 50%

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.

Filling SB 36140 (Recticel) - fire retardant foam - $\pm 36 \text{ kg/m}^3$

Ignition source: smouldering cigarette with the following specifications

Length: $(70 \pm 4) \text{ mm}$

Diameter: $(8.0 \pm 0.5) \text{ mm}$

Mass: $(0.95 \pm 0.15) \text{ g}$

Smouldering rate: $(11.0 \pm 4.0) \text{ min} / 50 \text{ mm}$

	1	2
Smouldering criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Smoulders to extremities	no	no
Smoulders through thickness	no	no
Smoulders more than 1 hour	no	no
Final examination / active smouldering	no	no
Flaming criteria		
Occurrence of flames	no	no
	non-ignition	non-ignition

Conclusion Pass



Reference: T2100321 - XFR-Osmic

Fire tests - Test for upholstered furniture - Match flame equivalent

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Flame application time (s) 20

	1	2
Smouldering criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Smoke/heat/glowing more than 120 s	no	no
Final examination / active smouldering	no	no
Flaming criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Flaming > 120 s	no	no
Afterflame time (s)	0	0
	non-ignition	non-ignition

Conclusion Pass