



# Confidential Report

**Our Ref: 55219-1-2**



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Notified Body  
for PPE Directive,  
Construction Products Regulation  
& Marine Equipment Directive  
I.D. No. 0338 & 0339



Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.  
Telephone: +44 (0) 113 259 1999  
Email: [info@bttg.co.uk](mailto:info@bttg.co.uk)  
Website: [www.bttg.co.uk](http://www.bttg.co.uk)

Date: 23 July 2018

Our Ref: 55219-1-2  
Your Ref: 1971-1973-1968

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Client: Kobefab International B.V.  
De Vest 62  
5555 XP Valkenswaard  
Netherlands

Job Title: Fire Test on One Sample of Fabric

Client's Order No: 1971-1973-1968

Date of Receipt: 10 July 2018

Description of Sample(s): One sample of fabric, referenced Vesuvius-Robin-Swan-Vinci-Portia-Dione, stated to be 100% Pes

Work Requested: We were asked to make the following test(s):  
  
IMO FTP Code 2010 Part 8 (Upholstered Furniture)

- \* subcontracted test, UKAS accredited
- \*\* subcontracted test, EN ISO/IEC 17025 accredited
- \*\*\* not UKAS accredited



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Client: Kobefab International B.V.

## Product Description

Company Name	Kobefab International bv
Type of Furniture, e.g., Seat, Sofa, Office Chair, etc;.	Seat, Sofa, Office Chair, etc;.
Name and/or Identification of the Product Tested	Vesuvius-Robin-Swan-Vinci-Portia-Dione
Materials of the Product and its Composite Ratio (i)	100% Pes
Composition of Weave (ii)	Knitted
Density (Number/Inch) the Number of Threads per Inch in both warp and weft; and	---
Yarn Number Count	---
Thickness (mm)	½ mm
Mass per Unit Area (g/mm <sup>2</sup> )	Approx 420 gr-sqmr <sup>2</sup>
Colour and Tone (iii)	---
Method and Quantity of Fire Retardant Treatment	Coating

- (i) Such as wool, nylon, polyester, etc.  
(ii) Such as plain, weave, twilled.  
(iii) If the product has a pattern, the representative colour shall be described.



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**Client: Kobefab International B.V.**

**FIRE TESTS ACCORDING to IMO FTP Code 2010 : Part 8  
Test for Upholstered Furniture**

**Date of test:** 20 July 2018

**Conditioning**

Immediately prior to testing the sample was placed in indoor ambient conditions for 72 hours and then conditioned in a standard atmosphere of  $20 \pm 5^\circ\text{C}$  temperature and  $50 \pm 20\%$  relative humidity for at least 16 hours.

The sample was tested in a room of volume  $25\text{m}^3$  and  $22^\circ\text{C}$ .

**Procedure**

The sample was tested in accordance with IMO FTP Code 2010:Part 8 using ignition sources 0 and 1. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard.

The sample was tested over non-fire retardant polyurethane foam with a density of approximately  $20\text{-}22\text{kg/m}^3$ .

**Requirements**

Ignition Source 0 No progressive smouldering or flaming within one hour of the placement of the cigarette.

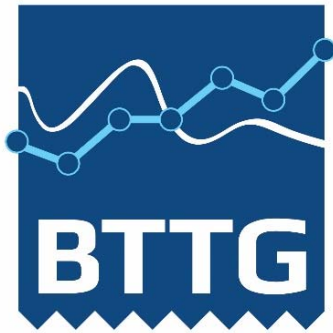
Ignition Source 1 All progressive smouldering and flaming to cease within 120sec of removal of the burner tube.

**Cigarette Specification (Source 0)**

Dimensions (mm)	68mm x 8mm
Mass (g)	0.92
Smouldering Rate (mins/secs)	11.08



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### Results

Ignition Source	Specimen 1		Specimen 2	
	0 (Cigarette)	1 (Match)	0 (Cigarette)	1 (Match)
Ignition Time (secs.)	-	5	-	5
Extinction Time (Flame) (secs.)	-	2	-	3
Extinction Time (Smoke) (secs.)	15	11	16	15
Time of Cover Split (secs.)	DNS	7	DNS	7
Extent of Damage to Back (Length x Width)	65x15mm	25x100mm	65x15mm	30x95mm
Extent of Damage to Base (Length x Width)	65x10mm	15x10mm	65x15mm	15x10mm
Progressive smouldering/flaming observed	No	No	No	No
Performance	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

DNP – Did not propagate  
ME – Manually extinguished  
DNS – Material did not split  
BES - Burnt to edge of specimen

EC – Escalating combustion  
ES – Escalating smouldering  
DNO – Did not observe time of event  
BTF – Burnt through thickness of foam

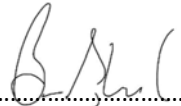
### Note


The test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

This report relates only to the samples submitted and as described in the report.

### Comment

In our opinion, based on the test carried out on the sample supplied; the results indicate the sample meets the requirements according to IMO 2010 FTP Code, Part 8

Reported by:   
B Bland  
Fire Technician

Countersigned By:   
P Doherty  
Operational Head

Enquiries concerning this report should be addressed to Customer Services.



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## Uncertainty Budget - Annex

The overall uncertainty budget IMO FTP Code 2010:Part 8 is as follows:-

Measurements:  $\pm 1\text{mm}$   
Timings:  $\pm 2$  seconds



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