



# Confidential Report

**Our Ref: 55443-3-1**



1066

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: 27 September 2018

Our Ref: 55443-3-1

Your Ref: -

Page: 1 of 5

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: -

Date of Receipt: 19 September 2018

Description of Sample(s): One sample of fabric, referenced Locarno-Moza CS, stated to be 100% Trevira CS

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



1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.  
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.  
BTTG™ and Shirley® are trade names of Shirley Technologies Limited  
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.  
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2018 Shirley Technologies Limited. All rights reserved.



TESTING • CERTIFICATION • AUDITING

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: 27 September 2018

Our Ref: 55443-3-1

Page: 2 of 5

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	Monza CS - Locarno CS
Materials of the Product and its Composite Ratio (i)	100% Trevira CS
Composition of Weave (ii)	W binding velvet
Density (Number/Inch) the Number of Threads per Inch in both warp and weft; and	Not supplied by client
Yarn Number Count	Not supplied by client
Thickness (mm)	1-2mm
Mass per Unit Area (g/mm <sup>2</sup> )	440 gr/sqmtr2
Colour and Tone (iii)	Not supplied by client
Method and Quantity of Fire Retardant Treatment	Not supplied by client

(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.



1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.  
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.

BTTG™ and Shirley® are trade names of Shirley Technologies Limited  
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.  
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2018 Shirley Technologies Limited. All rights reserved.

Date: 27 September 2018

Our Ref: 55443-3-1

Page: 3 of 5

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

## **FIRE TESTS ACCORDING to IMO FTP Code 2010 : Part 8**

### **Test for Upholstered Furniture**

**Date of test:** 24 September 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  $17^\circ\text{C}$ .

#### **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)	69mm x 8mm
Mass (g)	0.87
Smouldering Rate (mins/secs)	9.32



1066



TESTING • CERTIFICATION • AUDITING

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: 27 September 2018

Our Ref: 55443-3-1

Page: 4 of 5

Client: Kobefab International B.V.

## Results

	Specimen 1		Specimen 2	
Ignition Source	0 (Cigarette)	1 (Match)	0 (Cigarette)	1 (Match)
Ignition Time (secs.)	-	3	-	3
Extinction Time (Flame) (secs.)	-	1	-	1
Extinction Time (Smoke) (secs.)	17	7	18	7
Time of Cover Split (secs.)	DNO	9	DNO	8
Extent of Damage to Back (Length x Width)	65x15mm	25x100mm	65x15mm	45x140mm
Extent of Damage to Base (Length x Width)	65x15mm	15x15mm	65x15mm	15x15mm
Progressive smouldering/flaming observed	No	No	No	No
Performance	PASS	PASS	PASS	PASS

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  
BTTF – 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.



1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.  
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.  
BTTG™ and Shirley® are trade names of Shirley Technologies Limited  
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.  
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2018 Shirley Technologies Limited. All rights reserved.



TESTING • CERTIFICATION • AUDITING

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: 27 September 2018

Our Ref: 55443-3-1

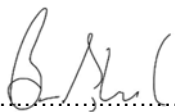
Page: 5 of 5

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

### 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.

Uncertainty of measurement has not been taken into account when presenting the test result. The relevant uncertainty value is included as an annex which forms an integral part of the report.

Reported by:   
B Bland  
Fire Technician

Countersigned By:   
P Doherty  
Operational Head

Enquiries concerning this report should be addressed to Customer Services.



1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.  
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.  
BTTG™ and Shirley® are trade names of Shirley Technologies Limited  
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.  
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2018 Shirley Technologies Limited. All rights reserved.



TESTING • CERTIFICATION • AUDITING

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

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: 27 September 2018

Our Ref: 55443-3-1

Page: 6 of 5

## 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



1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.  
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.  
BTTG™ and Shirley® are trade names of Shirley Technologies Limited  
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.  
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2018 Shirley Technologies Limited. All rights reserved.