Confidential Report

Our Ref: 54666-2-2

ilac-MRA

UKAS TESTING
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
Website: www.bttg.co.uk

Date: 9 March 2018

Our Ref: 54666-2-2
Your Ref: 1961

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: 1961

Date of Receipt: 12 February 2018

Description of Sample(s): One sample of fabric, referenced;
Spezia FR, stated to be 100% Pes FR

Work Requested: We were asked to make the following test(s):

IMO FTP Code 2010 Part 7

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

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Product Description

Company Name	Kobefab International bv
Type of Material, i.e. Curtain, Drape, etc.	Curtain, Drape, etc
Name and/or Identification of the Product Tested	Spezia FR
Mass per Unit Area (g/m^2)	Approx.. 318 gr sqmtr
Thickness (mm)	1-2 mm
Colour and Tone (i)	---
Quantity and Number of Any Coating	---
Method and Quantity of Fire Retardant Treatment	Inherent 100% Pes FR Yarn
Materials of the Product and its Composite Ratio (ii)	Inherent 100% Pes FR Yarns
Composition of Weave (iii)	Dobby Piece Dyed
Density (Number/Inch) the Number of Threads per Inch in both warp and weft; and	---
Yarn Number Count	---

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FIRE TESTS ACCORDING to IMO FTP Code 2010:Part 7
Test for Vertically Supported Textiles and Films

Cleaning Procedure

The sample received no pre-treatment as the fabric was stated to be inherently flame retardant.

Conditioning

The sample was conditioned for 72 hours in the standard atmosphere for conditioning textiles of 20± 5°C and 65 ± 5% R.H.

Procedure

The sample was tested in accordance with IMO FTP Code 2010:Part 7. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard.

A 40mm high propane gas flame was applied to the edge of 5 warp and 5 weft specimens for 15 seconds.

The after-flame time, length of char, existence of surface flashing and ignition of cotton waste from drops were recorded.

Requirements

The Performance Criteria for Curtains and Drapes states that: Products which show any of the following characteristics obtained by the fire test in appendix 1, shall be considered unsuitable for use as curtains, drapes or free-hanging fabric product for use in rooms containing furniture and furnishings of restricted fire risk as defined in the relevant regulations of chapter II-2 of the Convention:-.

1. An after-flame time greater than 5 sec for any of the 10 or more specimens tested with surface application of the pilot flame.
2. Burn through to any edge of any of the 10 or more specimens tested with surface application of the pilot flame.
3. Ignition of cotton wool below specimen in any of the 10 or more specimens tested.
4. An average char length in excess of 150mm observed in any of the 10 or more specimens tested by either surface or edge ignition; and
5. The occurrence of a surface flash propagating more than100mm from the point of ignition with or without charring of the base fabric.

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As Received

	After flame time (s)		Char length (mm)		Burning Droplets (Yes or No)		Flaming to edge (yes or No)	
	Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft
	0	0	25	30	No	No	No	No
	0	0	30	25	No	No	No	No
	0	0	30	25	No	No	No	No
	0	0	25	30	No	No	No	No
	0	0	30	30	No	No	No	No
Mean	0	0	28	28				

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 7.

Reported by:.....
J Coleman
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 7 is as follows:-

Measurements:	±1mm
Duration of Flaming:	±0.5 seconds