

# Fire Test Certificate - Specimen

Fabric: Cotton Cyclorama Canvas 8.0

Type: NFPA 701

**J&C Joel**   
Inspiration in every performance

**SGS** GOVMARK

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Page 1

|                                                                                                                                |                                                                                                                          |           |    |        |                           |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------|----|--------|---------------------------|
| Received:08/26/2019                                                                                                            | Completed:08/27/2019                                                                                                     | Letter: F | JR | P.O.#: | Test Report #: 3-34211-0- |
| Client's Identification                                                                                                        | Style: Cyclorama Canvas NDFR. Composition: 100% Cotton. Weight: 200/220 gsm. Product End Use: Stage and Event Draperies. |           |    |        |                           |
| Tested For: <b>Andrew Walsh</b><br>J & C Joel, Ltd.<br>Corporation Mill, Corporation St.UK<br>Sowerby Brdg,Halifax,W Yorkshire | Key Test: NFPA 701-2019 TM#1 275<br>Tel: 011 422 833 835 Ext:<br>Fax:                                                    |           |    |        |                           |

LE:2019 V:01/19 PC: 0.5H DL/jd

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2019 Edition - Test Method #1

PRODUCT CONFIGURATION: ☒ Single Layer; ☐ Multi Layer

RESULTS REPORTED: ☒ Initially; ☐ After 3 dry cleanings; ☐ After 5 launderings @ 160°F

RESULTS:

| Specimen # | Afterflame*<br>(seconds) | Flamming<br>Drip/Debris<br>(seconds) | Weight Loss<br>(percent) |
|------------|--------------------------|--------------------------------------|--------------------------|
| 1          | 0                        | 0                                    | 10.1                     |
| 2          | 0                        | 0                                    | 11.5                     |
| 3          | 0                        | 0                                    | 11.4                     |
| 4          | 0                        | 0                                    | 11.4                     |
| 5          | 0                        | 0                                    | 11.5                     |
| 6          | 0                        | 0                                    | 11.4                     |
| 7          | 0                        | 0                                    | 7.9                      |
| 8          | 0                        | 0                                    | 7.8                      |
| 9          | 0                        | 0                                    | 10.4                     |
| 10         | 0                        | 0                                    | 9.1                      |
| Mean:      |                          | 0                                    | Mean: 10.3               |

STATISTICAL VALUES: SD = 1.5 3 SD = 4.5 Mean + 3 SD = 14.8

ABBREVIATIONS USED: SD = Standard deviation. NT = Not tested.

APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS Govmark): 256 g/m<sup>2</sup>

PRECONDITIONING: ☒ 0.5 hr @ 220°F (Standard)  
☐ 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: g/m<sup>2</sup> ÷ 28.35 x .835 = oz/yd<sup>2</sup>

NOTE:

1. All specimens prepared in the length direction.
2. See addendum for individual specimen weights.

(Page 1 of 2)

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Page 2

|                                                                                                                                |                                                                                                                          |           |                              |        |                |            |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------|--------|----------------|------------|
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| Tested For: <b>Andrew Walsh</b><br>J & C Joel, Ltd.<br>Corporation Mill, Corporation St.UK<br>Sowerby Brdg,Halifax,W Yorkshire |                                                                                                                          |           | Key Test: NFPA 701-2019 TM#1 |        |                | 275        |
|                                                                                                                                |                                                                                                                          |           | Tel: 011 422 833 835         |        | Ext:           |            |
|                                                                                                                                |                                                                                                                          |           | Fax:                         |        |                |            |

## REMARKS:

- ☒ Flames did not project above the top of the specimen.  
☐ Flames projected above the top of the specimen; Specimen #'s \_\_\_\_\_  
☐ Other: \_\_\_\_\_

FAILURE CRITERIA: As cited by NFPA 701 - 2019 Edition Test Method #1

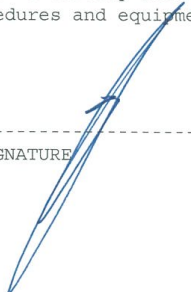
| Afterflame | Flaming Drip/Debris<br>(Mean) | Weight Loss (percent) |                     |
|------------|-------------------------------|-----------------------|---------------------|
|            |                               | Mean                  | Individual Specimen |
| *          | Exceeds 2 seconds             | Exceeds 40%           | Exceeds Mean + 3 SD |

CONCLUSION: Based on the Results on page 1 and the above Failure Criteria cited by NFPA 701 - 2019 Edition Test Method #1, the item tested:

- ☒ Passes; ☐ Fails; ☐ Requires testing of 10 additional specimens  
i.e. only one individual specimen failure was noted

\* Afterflame is required to be recorded; however, the NFPA document does not factor it into the Failure Criteria reporting requirements. It should be noted that excessive afterflames could be cause for rejection by local fire authorities performing "match" field tests.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

AUTHORIZED SIGNATURE  
SGS GOVMARK  
/jab 

*Bobby Brown*

SEP 03 2019

(Page 2 of 2)

The results contained in this report relate only to item(s) tested. The test report shall not be reproduced, except in full, without written approval from Govmark.

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