



CALIFORNIA DEPARTMENT OF FORESTRY and FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL

REGISTERED FLAME RESISTANT PRODUCT

Product:

PRECONSTRAINT 702 BLACKOUT

Registration No.

F-44408

Product Marketed By:

SERGE FERRARI
1510 S.W. 5TH COURT
POMPANO BEACH, FL 33069

This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code.

The scope of the approved use of this product is provided in the current edition of the **CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS** published by the California State Fire Marshal.


Deputy State Fire Marshal

Expire: 6/30/2014

REPORT NUMBER: 101065691MID-001a
ORIGINAL ISSUE DATE: February 20, 2013
REVISED DATE: NA

EVALUATION CENTER

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RENDERED TO:

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PRODUCT EVALUATED: Preconstraint 702
EVALUATION PROPERTY: NFPA 701-10, METHOD 2
STANDARD METHODS OF FIRE TESTS FOR FLAME
PROPAGATION OF TEXTILES AND FILMS

Report of Testing: Preconstraint 702 for compliance with the applicable requirements of the following criteria: NFPA 701-10, METHOD 2 Standard Methods of Fire Tests for Flame Propagation Of Textiles and Films

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2 Introduction

Intertek has conducted testing for Serge Ferrari, on Preconstraint 702 to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-10, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films. This evaluation began February 15, 2013 and ended February 15, 2013.

3 Test Samples

3.1. SAMPLE SELECTION

Samples were submitted to Intertek directly from the client. Samples were not independently selected for testing. Samples were received at the Evaluation Center on February 11, 2013 in good condition.

3.2. SAMPLE AND ASSEMBLY DESCRIPTION

Preconstraint 702

Polyester yarns 1100 dtex coated with PVC flame retardant on both sides and varnished.
Weight: 750g/m² ± 5%, Thickness: 0.57mm ± 10%, Polyester 1100dtex: 25% - PVC flame retardant: 75%

The test specimen identified as Preconstraint 702 was cut into 5.25 in. by 47.25 in. samples by Intertek. Samples were then conditioned in an oven at 105°C ± 3°C for no less than 1 hour but no more than 3 hours before testing.

4 Testing and Evaluation Methods

4.1. TEST STANDARD 1

Ten specimens of material 5.25 inches by 47.25 inches were cut with their long dimension parallel to the length direction ("with" machine). The test specimens were conditioned to 220-225°F (105-108°C) for not less than one hour and not more than 3 hours. Specimens were removed from the oven one at a time and tested immediately. The specimens were supported with clips in a three-sided vertical column and exposed to an 11" flame for two minutes. The flame impinged approximately 7 inches on the specimen.

No specimen should continued flaming for more than two seconds. Length of char should not exceed 41.3 inches from the bottom edge of the specimen. No flaming on floor of apparatus should last longer than two seconds.

4.2. Deviation from Standard Method

No deviations

5 Testing and Evaluation Results

5.1. RESULTS AND OBSERVATIONS

Specimen #	Afterflame Duration (sec.)	Floor Flaming (sec.)	Char Length (in.)
1	0	0	5.75
2	0	0	6.50
3	0	0	5.00
4	0	0	6.25
5	0	0	5.75
6	0	0	7.25
7	0	0	6.75
8	0	0	5.50
9	0	0	7.38
10	0	0	7.63
Average	0	0	6.38

Observations:

This sample passed the criteria for NFPA 701-10 method 2.

6 Conclusion

Intertek has conducted testing Serge Ferrari, on Preconstraint 702 to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-10, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films. This evaluation began February 15, 2013 and ended February 15, 2013.

The sample PASSED the testing criteria for NFPA 701-10, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

INTERTEK



Reported by:

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Lab Technician II, Verification Center



Reviewed by:

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Chemist, Verification Center

7 Revision Summary

DATE	SUMMARY
February 20, 2013	Original Report