

CLIENT: Cooley Group
50 Esten Ave
Pawtucket, RI 02860

Test Report No: RJ7393F-1

Date: January 30, 2020

SAMPLE ID: The test samples are identified as: CoolPort Canopy.

SAMPLING DETAIL: Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

DATE OF RECEIPT: Samples were received at QAI on November 13, 2019.


TESTING PERIOD: January 24 and 27, 2020.

AUTHORIZATION: Testing authorized by Lance Reed QAI proposal No. 19MB02212, signed on November 24, 2019.

TEST REQUESTED: The sample material was tested in accordance with the procedures outlined in NFPA 701-19, Method 2 "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, flat specimens, Original Condition and 72 hrs water leaching.

TEST RESULTS: The CoolPort Canopy was found to be in compliance in with the Performance Criteria outlined in NFPA 701-15. See page 2 for detailed results. See page 2 for Performance Criteria.

Prepared By



Gregory Banasky
Senior Fire Technician

**Signed for and on behalf of
QAI Laboratories, Inc.**



Jason Friedrich P.E.
Engineering Manager

FIRE TESTS FOR FLAME PROPAGATION

SAMPLE PREPARATION CHAPTER 13.1

Test was conducted in accordance with NFPA-701 2015 edition. 10 Specimens were prepared from the submitted sample for original condition. Specimens were cut 125 mm x 1200 mm from the sample roll. The specimens were cut with the long dimension in the direction of the lengthwise of the material.

CONDITIONING: The specimens were conditioned at a temperature of 68° F ± 9°F for at least 24 hours prior to testing.

TEST PROCEDURE

The flame was applied vertically at the center of the width of the lower end of the specimens for 2 minutes, then withdrawn, and the duration of flaming in the specimens after withdrawal of the burner recorded. After complete extinction of all flame and glow in the specimen, the length of char was measured.

TEST RESULTS ORIGINAL CONDITION:

Specimen No.	Char Length	After Flame, Sec.	Time of Flaming of pieces on floor (seconds)
1	6"	0	0
2	5"	0	0
3	6"	0	0
4	5"	0	0
5	5"	0	0
6	5"	0	0
7	7"	0	0
8	6"	0	0
9	5"	0	0
10	5"	0	0

TEST RESULTS 72 hrs WATER LEACHING:

Specimen No.	Char Length	After Flame, Sec.	Time of Flaming of pieces on floor (seconds)
1	5"	0	0
2	6"	0	0
3	7"	0	0
4	6"	0	0
5	5"	0	0
6	7"	0	0
7	6"	0	0
8	5"	0	0
9	6"	0	0
10	7"	0	0

PERFORMANCE CRITERIA

- 1) When any specimen continues flaming for more than 2 seconds after the flame is removed from the contact with the specimen, the material shall be recorded as having failed the test.
- 2) When the char length of any single flat specimen exceeds 435mm (17.1 in.) the material shall be recorded as having failed the test.
- 3) When at any time during or after the application of the test flame, any portions or residues of the material being tested breaks or drips from the specimen and fall to the floor of the test apparatus, and continue burning for more than 2 seconds after reaching the floor of the test apparatus, the material shall be recorded as having failed the test.

******End of Report******