

Bluefield Manufacturing, Inc.

MSHA MODIFIED STANDARDIZED SMALL SCALE FLAMMABILITY TEST - VERTICAL PROCEDURE

Company Name: Milliken

Date: May 2, 2012

Product Description: "Concrete Canvas" CC8 Roof-Rib Grid Material

Test By: AM, CT, KK, TO

Test No. _____ PAR No. _____ Lab No. _____

Sample: Above Test Propagation Burn Time (Min. - Sec.) Floor Duration
0 FPM

Length-Width

Table with 6 columns: Test No., Sample, Floor in inches, Propagation (in.), Burn Time Suspended, (Min. - Sec.) Floor, Duration. Rows 1-3.

avg. 4 12 X 6 0-02 0-00 0-02

128 FPM

Table with 6 columns: Test No., Sample, Floor in inches, Propagation (in.), Burn Time Suspended, (Min. - Sec.) Floor, Duration. Rows 1-3.

avg. 4 14 X 4 0-02 0-00 0-02

Results: Passed

Burner Flame Height: 12"

Actual Air Flow Readings at: 0 FPM 0 125 FPM 128

Sample Size - ID or Suspended Height: 36" (Hung Vertically)

Brattice Scrim Count: Weight (oz./sq. Yd) Color:

Tubing Wall Thickness: Color:

Comments: Flame test for MSHA Approval, Milliken "Concrete Canvas" CC8

"I certify that Roof-Rib Grid Material, Ref. Milliken "Concrete Canvas" CC8 has been tested and meets the performance portion of the technical requirements, as specified in 30 CFR, Part 7, Subchapter B, Section 7.24."

Signed: [Signature]

Title: President

Bluefield Manufacturing, Inc.

**MSHA MODIFIED STANDARDIZED SMALL SCALE
FLAMMABILITY TEST - HORIZONTAL PROCEDURE**

Company Name: Milliken

Date: May 2, 2012

Product Description: "Concrete Canvas" CC8
Roof-Rib Grid Material

Test By: AM, CT, KK, TO

Test No.	PAR No.	Lab No.		
Sample: Above Test Floor in inches	Propagation (in.) 0 FPM Length-Width	Burn Time Suspended	(Min. - Sec.) Floor	Duration
1.	36 4 X 14	0-18	1-21	1-21
2.	36 4 X 14	0-01	0-00	0-01
3.	36 4 X 13	0-01	0-00	0-01
avg.	36 4 X 14 128 FPM	0-07	0-27	0-28
1.	36 4 X 15	0-01	0-00	0-01
2.	36 4 X 16	0-01	0-00	0-01
3.	36 4 X 15	0-01	0-00	0-01
avg.	36 4 X 15	0-01	0-00	0-01

Results: Passed

Burner Flame Height: 12"

Actual Air Flow Readings at: 0 FPM 0
125 FPM 128

**Sample Size - ID or
Suspended Height:** 24"x48"
(Hung horizontally)

Brattice
Scrim Count: _____
Weight (oz./sq. Yd) _____
Color: _____

Tubing
Wall Thickness: _____
Color: _____

Comments: Flame test for MSHA Approval, Milliken "Concrete Canvas" CC8

"I certify that Roof-Rib Grid Material, Ref. Milliken "Concrete Canvas" CC8 has been tested and meets the performance portion of the technical requirements, as specified in 30 CFR, Part 7, Subchapter B, Section 7.24."

Signed: Rita Peery

Title: President