flooralytics
TEXTILE ANALYTICS / FLOOR TESTING
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A2LA ACCREDITED
CERT #7144.01

report number Est - 4050
revision level Original
report date 12/15/24

certificate of testing

client Richloom Bailey Plant
100 Bailey Plant Rd
Clinton, SC 29325

product identification Format Rust

test method performed **standard methods of fire test for flame propagation of textiles and films nfpa 701 – 2019, test method 1**

date of test 12/13/24

test results

	mass initial (g)	mass final (g)	mass loss (%)	flaming drip (s)	after flame (s)
1	5.8	3.6	38%	0.0	0.0
2	5.8	4.4	24%	0.0	0.0
3	5.8	4.6	21%	0.0	0.0
4	5.8	3.6	38%	0.0	0.0
5	5.8	4.4	24%	0.0	0.0
6	5.8	4.8	17%	2.0	0.0
7	5.8	4.3	26%	0.0	0.0
8	5.8	4.4	24%	0.0	0.0
9	5.8	3.7	36%	0.0	0.0
10	5.8	3.8	34%	3.0	0.0
avg	**5.8**	**4.2**	28%	**0.5**	**0.0**

fabric weight (g) 0.91 ounces per square yard

0 grams per square meter

standard deviation 7.6%

mean + 3SD 51.2%

notes

approximate material weight .91 ounces per sq yard
standard deviation 7.6%
mean + 3 standard deviations 51.2%
product configuration ☒ single layer ☐ multi layer
results reported ☒ initially ☐ other:
conditioning ☒ oven 220°f, 30 minutes ☐ 70 ±3.5°F, 50 ±5% rh for 24h
sampling as received
intended end use ☒ drapery ☐ other:

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acceptance criteria *after flame is required to be recorded but the standard does not factor it in the failure criteria*

1. flaming drip cannot exceed an average of 2 seconds per specimen for the sample of 10 specimens
2. the average weight loss of the 10 specimens in a sample shall be 40 percent or less
3. no individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens

conclusion

based upon the test results and acceptance criteria listed above, the product identified

- ■ passes
- ☐ fails
- ☐ requires retesting of 10 additional specimens

certification statement by signing below, the lab certifies that the results were obtained after testing specimens submitted by the client in accordance to the procedures and equipment specified by the standard stated above.

approved by: Tammy Bowen