



Received: 12/01/2017 Completed: 12/21/2017 Letter: M1 TT P.O.#: Test Report #: 3-23469-0-01

Client's Identification: Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]

Tested For: **Damian Maldonado** Key Test: FTM 5660.1/CCC-W-408D 200Hrs 525
 Vescom America
 2289 Ross Mill Road Tel: 1-(252)-431-6200 Ext:
 Henderson, NC 27537 Fax: 1-()- -

Category: Lightfast LE 1994; V 10/17 Specifier: CCC-W-408D PC: 24H CODE: 200 RQ /hr SM/mg

TEST PERFORMED: Federal Specification CCC-W-408D Wall Covering, Vinyl Coated
 TABLE III: Colorfastness to Light which references:

Federal Test Standard 191 - Method 5660 - Colorfastness to Light of Textile Materials; Accelerated
 Method: Enclosed Carbon Arc

CLASSIFICATION APPLIED FOR:	CLASSIFICATION CRITERIA:
[] Type I (Light Duty)	No appreciable change at 200 hours
[] Type II (Medium Duty)	No appreciable change at 200 hours
[x] Type III (Heavy Duty)	No appreciable change at 200 hours

RESULTS:

Number of Hours	Rating
-----	-----
200	4

REMARKS: None.

RATING SYSTEM:

Excellent: No perceptible change in color
 Good: Perceptible, but not appreciable change in color
 Fair: Appreciable, but not objectionable change in color
 Poor: Objectionable change in color

CONCLUSION: Based on the reported Results with the "Classification Applied For" and the "Classification Criteria" the product tested:

[x] Complies; [] Does not comply

with the Classification of this specific test method cited by Table III.

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

 AUTHORIZED SIGNATURE
 GOVMARK
 TT/jb ipm

Phyllis Pettit
 (Page 1 of 1)

DEC 27 2017



Received: 12/01/2017 | Completed: 12/12/2017 | Letter: M2 | RV | P.O.#: | Test Report #: 3-23469-0-02

Client's Identification | Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]

Tested For: **Damian Maldonado** | Key Test: CCC-W-408D 4.4.2 | 175
 Vescom America | Tel: 1-(252)-431-6200 | Ext:
 2289 Ross Mill Road | Fax: 1-()- -
 Henderson, NC 27537

Category: Washability LE 1994; V 10/17 Specifier: CCC-W-408D PC: 24H /hr SM/mg

TEST PERFORMED: Federal Specification CCC-W-408D - Wall Covering, Vinyl Coated
 Paragraph 4.4.2 Washability

CLASSIFICATION APPLIED FOR:

CLASSIFICATION CRITERIA:

- Type I (Light Duty) No evidence of appreciable damage to the printed or base surface at 100 cycles
- Type II (Medium Duty) No evidence of appreciable damage to the print or base surface at 100 cycles
- Type III (Heavy Duty) No evidence of appreciable damage to the printed or base surface at 100 cycles

RESULTS: Visual Evaluations

Number of Cycles	Results
----- 100	----- 5

REMARKS: None.

NOTE: Areas of localized wear clearly related to wrinkles are not part of evaluation.

RATING SYSTEM:

- 5 - None or negligible change to printed or ground surface.
- 4 - Slight change to printed or ground surface.
- 3 - Moderate change to printed or ground surface.
- 2 - Appreciable change to printed or ground surface.
- 1 - Severe change to printed or ground surface.

CONCLUSION: Based on the reported Results with the "Classification Applied For" and the "Classification Criteria", the product tested:

Complies; Does not comply

with the Classification of this specific test method cited by Table III.



Received: 12/01/2017	Completed: 12/12/2017	Letter: M2	RV	P.O.#:	Test Report #: 3-23469-0-02
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]				
Tested For: Damian Maldonado Vescom America 2289 Ross Mill Road Henderson, NC 27537	Key Test: CCC-W-408D 4.4.2			175	
	Tel: 1-(252)-431-6200		Ext:		
	Fax: 1-()- -				

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



 AUTHORIZED SIGNATURE
 GOVMARK
 /jb lpm

Phyllis Pettit

DEC 27 2017

(Page 2 of 2)



Received: 12/01/2017	Completed: 12/12/2017	Letter: M3	RV	P.O.#:	Test Report #:	3-23469-0-03
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]					
Tested For: Damian Maldonado				Key Test: CCC-W-408D 4.4.3	225	
Vescom America 2289 Ross Mill Road Henderson, NC 27537				Tel: 1-(252)-431-6200	Ext:	
				Fax: 1-()- -		

Category:Scrubability LE 1994; V 10/17 Specifier:CCC-W-408D PC:24H /hr SM/mg

TEST PERFORMED: Federal Specification CCC-W-408D - Wall Covering, Vinyl Coated
 Paragraph 4.4.3 Scrubability

CLASSIFICATION APPLIED FOR:

CLASSIFICATION CRITERIA:

- Type I (Light Duty) No evidence of appreciable damage to the printed or base surface at 200 cycles
- Type II (Medium Duty) No evidence of appreciable damage to the printed or base surface at 300 cycles
- Type III (Heavy Duty) No evidence of appreciable damage to the printed or base surface at 500 cycles

RESULTS: Visual Evaluations

Number of Cycles	Results
----- 500	----- 5

REMARKS: None.

NOTE: Areas of localized wear clearly related to wrinkles are not part of evaluation.

RATING SYSTEM:

- 5 - None or negligible change to printed or ground surface.
- 4 - Slight change to printed or ground surface.
- 3 - Moderate change to printed or ground surface.
- 2 - Appreciable change to printed or ground surface.
- 1 - Severe change to printed or ground surface.

-- See Page 2 for "Conclusion" --

Received: 12/01/2017	Completed: 12/12/2017	Letter: M3	RV	P.O.#:	Test Report #: 3-23469-0-03
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]				
Tested For: Damian Maldonado	Key Test: CCC-W-408D 4.4.3			225	
Vescom America 2289 Ross Mill Road Henderson, NC 27537			Tel: 1-(252)-431-6200	Ext:	
			Fax: 1-()- -		

CONCLUSION: Based on the reported Results with the "Classification Applied For" and the "Classification Criteria", the product tested:

Complies; Does not comply

with the Classification of this specific test method cited by Table III.

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


 AUTHORIZED SIGNATURE
 GOVMARK
 /jb /pm

Phyllis Pettit
 DEC 27 2017

(Page 2 of 2)



Received: 12/01/2017 Completed: 12/12/2017 Letter: M4 RV P.O.#: Test Report #: 3-23469-0-04

Client's Identification | Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]

Tested For: **Damian Maldonado** Key Test: CCC-W-408D 4.4.4 155
 Vescom America
 2289 Ross Mill Road Tel: 1-(252)-431-6200 Ext:
 Henderson, NC 27537 Fax: 1-()- -

Category: Abrasion LE 1994; V 10/17 Specifier: CCC-W-408D PC: 24H CODE: 1,000 RQ SM/hr/mg

TEST PERFORMED: Federal Specification CCC-W-408D - Wallcovering, Vinyl-Coated Paragraph 4.4.4 Abrasion Resistance.

CLASSIFICATION APPLIED FOR: CLASSIFICATION CRITERIA:

[] Type I (Light Duty) No evidence of appreciable change to the decorative surface at 200 cycles

[] Type II (Medium Duty) No evidence of fiber show-through or damage to the supporting substrate at 300 cycles

[x] Type III (Heavy Duty) No evidence of fiber show-through or damage to the supporting substrate at 1000 cycles

BRIEF DESCRIPTION OF THE TEST: Test specimens, cut in machine direction only, are fastened into the four arms of the testing apparatus, fabric face exposed. The abradant is placed on the oscillatory cylinder. Tension and pressure bars are adjusted to the specified tensions and pressures. Testing is performed with the specimens face in contact with the abradant, rotating back and forth on the oscillating cylinder until the required number of cycles or a failure has been identified.

Pressure: 2 lbs; Tension: 6 lbs.; Abradant: 220 grit paper

Specimens backed with masking tape to prevent elongation: [] Yes; [x] No

RESULTS: Visual Evaluation

Number of Double Rubs	Rating
-----	-----
1,000	2

-- See Page 2 for "Rating System" and "Conclusion" --

Received: 12/01/2017	Completed: 12/12/2017	Letter: M4	RV	P.O.#:	Test Report #: 3-23469-0-04
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]				
Tested For: Damian Maldonado Vescom America 2289 Ross Mill Road Henderson, NC 27537	Key Test: CCC-W-408D 4.4.4			155	
	Tel: 1-(252)-431-6200			Ext:	
	Fax: 1-()- -				

RATING SYSTEM FOR SURFACE

- 5 - None to negligible change to decorative surface, no evidence of fiber show-through or damage to supporting substrate.
- 4 - Slight change to decorative surface, no evidence of fiber show-through or no damage to the supporting substrate.
- 3 - Moderate change to decorative surface, no evidence of fiber show-through or no damage to supporting substrate.
- 2 - Appreciable change to decorative surface, evidence of fiber show-through or damage to supporting substrate.
- 1 - Severe change of decorative surface, evidence of fiber show-through or damage to supporting substrate.

REMARKS: None

ABBREVIATIONS WHICH MAY BE USED:

NR = Not requested by client
 NT = Not Tested

CONCLUSION: Based on the reported Results with the "Classification Applied For" and the "Classification Criteria", the product tested:

Complies; Does not comply

with the Classification of this specific test method cited by Table III.

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

Phyllis Pettit

DEC 27 2017

 AUTHORIZED SIGNATURE

 GOVMARK
 /jb /pm

(Page 2 of 2)



Received: 12/01/2017 Completed: 12/07/2017 Letter: M5 RV P.O.#: Test Report #: 3-23469-0-05

Client's Identification | Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]

Tested For: **Damian Maldonado** Key Test: ASTM D751 12-15/CCC-W-408D 135
 Vescom America
 2289 Ross Mill Road Tel: 1-(252)-431-6200 Ext:
 Henderson, NC 27537 Fax: 1-()- -

Category: Tensile (grab) LE 1994; V 10/17 Specifier: CCC-W-408D PC: 24H SM/hr/mg

TEST PERFORMED: Federal Specification CCC-W-408D - Wallcovering, Vinyl Coated
 TABLE III: Breaking Strength which references:

ASTM D 751 Standard Test Methods for Coated Fabrics; Sections 12-15 - Breaking Strength Procedure A, Grab Test Method

CLASSIFICATION CRITERIA:

CLASSIFICATION APPLIED FOR:	Machine	Cross Machine
	Direction (lbs. min.)	Direction (lbs. min.)
[] Type I (Light Duty)	40	30
[] Type II (Medium Duty)	50*	55*
[x] Type III (Heavy Duty)	100	95

RESULTS:

Specimen #	Machine Direction (lbs)	Cross Machine Direction (lbs)
1	65	63
2	69	63
3	67	63
4	69	55
5	74	63
Avg:	69	61

REMARKS: None.

NOTE: *While criteria appear to be reversed, they are as stated, i.e. required cross machine direction value is higher than the required machine direction value.

-- See Page 2 for "Conclusion" --



Received: 12/01/2017	Completed: 12/07/2017	Letter: M5	RV	P.O.#:	Test Report #: 3-23469-0-05
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]				
Tested For: Damian Maldonado	Vescom America 2289 Ross Mill Road Henderson, NC 27537			Key Test: ASTM D751 12-15/CCC-W-408D	135
				Tel: 1-(252)-431-6200	Ext:
				Fax: 1-()- -	

CONCLUSION: Based on the reported Results with the "Classification Applied For" and the "Classification Criteria", the product tested:

Complies; Does not comply

with the Classification of this specific test method cited by Table III.

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



Phyllis Pettit

DEC 27 2017

 AUTHORIZED SIGNATURE
 GOVMARK
 /jb ipm

(Page 2 of 2)



Received: 12/01/2017 Completed: 12/11/2017 Letter: M6 RV P.O.#: Test Report #: 3-23469-0-06

Client's Identification: Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]

Tested For: **Damian Maldonado** Key Test: FTM 5651.1/CCC-W-408D 95
 Vescom America
 2289 Ross Mill Road Tel: 1-(252)-431-6200 Ext:
 Henderson, NC 27537 Fax: 1-()- -

Category: Dry Crocking LE 1994; V 10/17 Specifier: CCC-W-408D PC: 24H SM/hr/mg

TEST PERFORMED: Federal Specification CCC-W-408D - Wallcovering, Vinyl Coated
 TABLE III: Crocking Resistance which references:

Federal Test Standard 191 Method 5651 - Colorfastness of Textile Materials to
 Crocking, Method B (No Standard Sample)

CLASSIFICATION APPLIED FOR:

CLASSIFICATION CRITERIA:

- Type I (Light Duty) Achieve a rating of at least GOOD
- Type II (Medium Duty) Achieve a rating of at least GOOD
- Type III (Heavy Duty) Achieve a rating of at least GOOD

RESULTS: Visual Evaluation by comparison with AATCC Chromatic Transference Scale

Rating

Dry: 5

REMARKS: None.

RATING SYSTEM:

- Excellent: 5.0 - No perceptible staining
- Good: 3.5 - Slight staining
- Fair: 1.5 - Appreciable, but not objectionable staining
- Poor: 1.5 - Objectionable staining

CONCLUSION: Based on the reported Results with the "Classification Applied For" and the
 "Classification Criteria", the product tested:

Complies; Does not comply

with the Classification of this specific test method cited by Table III.

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

Phyllis Pettit

DEC 27 2017

AUTHORIZED SIGNATURE

GOVMARK

/jb ipm

(Page 1 of 1)



Received: 12/01/2017 Completed: 12/26/2017 Letter: M7 RV P.O.#: Test Report #: 3-23469-0-07

Client's Identification Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]

Tested For: **Damian Maldonado** Key Test: CCC-W-408D 4.4.5 240
 Vescom America
 2289 Ross Mill Road Tel: 1-(252)-431-6200 Ext:
 Henderson, NC 27537 Fax: 1-()- -

Test Category: Stain Resistance Specifier: CCC-W-408D LE 1994; V 10/17 PC: 24H SM/hr/mg

TEST PERFORMED: Federal Specification CCC-W-408D - Wallcovering, Vinyl-Coated Paragraph 4.4.5 Stain Resistance.

CLASSIFICATION APPLIED FOR: CLASSIFICATION CRITERIA:

[] Type I (Light Duty) No evidence of appreciable change to the decorative surface (Reagents 1 to 9)

[] Type II (Medium Duty) No evidence of appreciable change to the decorative surface (Reagents 1 to 12)

[x] Type III (Heavy Duty) No evidence of appreciable change to the decorative surface (Reagents 1 to 12)

CLEANING AGENT USED:

[] None (Staining agent did not leave a stain)
 [] Hot distilled water
 [] Cold distilled water
 [x] 50% ethyl alcohol
 [] Detergent as per 4.4.2.1
 [] Other

RESULTS: Visual Evaluation

Staining Reagents Applied	Change of Decorative Surface (Rating)	Complies (yes/no)
1. Distilled water, 115°-125°F	5	Yes
2. Distilled water, 65°F-75°F	5	Yes
3. Ethyl alcohol, 50% w/water	5	Yes
4. Vinegar, 3% acetic	5	Yes
5. Alkali solution	4	Yes
6. Hydrochloride, 5%	5	Yes
7. Soap solution	5	Yes
8. Detergent solution	5	Yes
9. Pure orange juice	4.5	Yes
10. Butter	5	Yes
11. Catsup	3	Yes
12. Tea	4	Yes

-- See Page 2 for "Brief Description of Test" and "Rating System" --

Received: 12/01/2017	Completed: 12/26/2017	Letter: M7	RV	P.O.#:	Test Report #: 3-23469-0-07
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]				
Tested For: Damian Maldonado Vescom America 2289 Ross Mill Road Henderson, NC 27537	Key Test: CCC-W-408D 4.4.5			240	
	Tel: 1-(252)-431-6200		Ext:		
	Fax: 1-()- -				

BRIEF DESCRIPTION OF TEST: The selected staining reagents are applied to the material in the manner described. The stains are allowed to set for a period of 24 hours. After this period of time has elapsed, a white cotton printcloth is wet with one of the cleaning agents listed on Page 1. The stained area is then spot cleaned in an attempt to remove the stain. After the stained and cleaned material has dried (48 hours minimum), it is visually evaluated.

RATING SYSTEM:

- Grade 5 - No change to decorative surface
- Grade 4 - Slight change to decorative surface
- Grade 3 - Moderate change to decorative surface
- Grade 2 - Appreciable change to decorative surface
- Grade 1 - Severe change to decorative surface

REMARKS: None.

CONCLUSION: Compliance for each individual staining agent is contained in the "Results" section of this report.

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

Phyllis Pettit

DEC 27 2017

 AUTHORIZED SIGNATURE

GOVMARK

/jb /pm

(Page 2 of 2)

Received: 12/01/2017	Completed: 12/14/2017	Letter: M8	TT	P.O.#:	Test Report #: 3-23469-0-08
----------------------	-----------------------	------------	----	--------	-----------------------------

Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]
--------------------------------	--

Tested For: Damian Maldonado Vescom America 2289 Ross Mill Road Henderson, NC 27537	Key Test: ASTM D751 Method A/CCC-W-408D 150 Tel: 1-(252)-431-6200 Ext: Fax: 1-()- -
---	--

Category: Elmendorf Tear LE 1994; V 10/17 Specifier: CCC-W-408D PC: 24H SM/hr/mg

TEST PERFORMED: Federal Specification CCC-W-408D - Wallcovering, Vinyl-Coated
TABLE III Tear Resistance which references:

ASTM D 751 Standard Test Methods for Coated Fabrics - Procedure A - Pendulum
Test Method (Elmendorf Apparatus) which references:

ASTM D 1424 Standard Test Method for Tearing Strength of Fabrics by Falling -
Pendulum Type (Elmendorf) Apparatus

CLASSIFICATION APPLIED FOR:

CLASSIFICATION CRITERIA:

- | | |
|---|---|
| <input type="checkbox"/> Type I (Light Duty) | Minimum Scale Rating 12 w/o weight (192 gf) |
| <input type="checkbox"/> Type II (Medium Duty) | Minimum Scale Rating 25 w/weight (400 gf) |
| <input checked="" type="checkbox"/> Type III (Heavy Duty) | Minimum Scale Rating 50 w/weight (800 gf) |

RESULTS:

Machine Direction		Cross Machine Direction	
Specimen #	grams force (gf)	Specimen #	grams force (gf)
1	1200	6	1300
2	1300	7	1000
3	1350	8	1150
4	1750	9	1150
5	1350	10	1250
Avg: 1390		1170	

REMARKS: None.

CONCLUSION: Based on the reported Results with the "Classification Applied For" and the "Classification Criteria", the product tested:

Complies; Does not comply

with the Classification of this specific test method cited by table III.

Received: 12/01/2017	Completed: 12/14/2017	Letter: M8	TT	P.O.#:	Test Report #: 3-23469-0-08
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]				
Tested For: Damian Maldonado	Key Test: ASTM D751 Method A/CCC-W-408D 150				
Vescom America 2289 Ross Mill Road Henderson, NC 27537	Tel: 1-(252)-431-6200		Ext:		
	Fax: 1-()- -				

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



Phyllis Pettit

DEC 27 2017

AUTHORIZED SIGNATURE

GOVMARK

TT/jb

ipm

(Page 2 of 2)



Received: 12/01/2017 Completed: 12/11/2017 Letter: M9 RV P.O.#: Test Report #: 3-23469-0-09

Client's Identification Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]

Tested For: **Damian Maldonado** Key Test: FTM 5872/CCC-W-408D 135
 Vescom America
 2289 Ross Mill Road Tel: 1-(252)-431-6200 Ext:
 Henderson, NC 27537 Fax: 1-()- -

Category: Blocking LE 1994; V 10/17 Specifier: CCC-W-408D PC: 24H SM/hr/mg

TEST PERFORMED: Federal Specification CCC-W-408D - Wallcovering Vinyl- Coated
 TABLE III: Blocking Resistance which references:

Federal Test Standard 191 - Method 5872* - Temperature, High; Effect on Cloth Blocking

CLASSIFICATION APPLIED FOR: CLASSIFICATION CRITERIA:
 Type I (Light Duty) Maximum Scale 2
 Type II (Medium Duty) Maximum Scale 2
 Type III (Heavy Duty) Maximum Scale 2

CONDITIONS (as specified by FTM 5872):

Temperature: 180°F ± 2°F
 Oven Exposure: 30 minutes
 Cool Down Period: Coated Fabrics - 5 minutes; Films - 60 minutes

RESULTS: Visual and Tactile Evaluation

Specimen #	Scale Rating
1	1
2	1
3	1

REMARKS: None.

RATING SCALE:

- 1 - No blocking; Cloth surfaces are free.
- 2 - No blocking; Cloth surfaces adhere slightly.
- 3 - Slight blocking; Cloth surfaces must be lightly peeled to separate.
- 4 - Blocking; Cloth surfaces separate with difficulty, or coating is removed during separation.

* Table III which specifies this "blocking" test erroneously cited 5972 rather than 5872 which is the blocking test.

-- See Page 2 for "Conclusion" --



Received: 12/01/2017	Completed: 12/11/2017	Letter: M9	RV	P.O.#:	Test Report #: 3-23469-0-09
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]				
Tested For: Damian Maldonado	Key Test: FTM 5872/CCC-W-408D			135	
Vescom America 2289 Ross Mill Road Henderson, NC 27537	Tel: 1-(252)-431-6200		Ext:		
	Fax: 1-()- -				

CONCLUSION: Based on the reported Results with the "Classification Applied For" and the "Classification Criteria", the product tested:

Complies; Does not comply

with the Classification of this specific test method cited by Table III.

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

Phyllis Pettit

 AUTHORIZED SIGNATURE

GOVMARK

/jb /pm

DEC 27 2017

(Page 2 of 2)



Received: 12/01/2017 Completed: 12/08/2017 Letter: M10 RG P.O.#: Test Report #: 3-23469-0-10

Client's Identification Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]

Tested For: **Damian Maldonado** Key Test: ASTM D751 45-48/CCC-W-408D 225
 Vescom America
 2289 Ross Mill Road Tel: 1-(252)-431-6200 Ext:
 Henderson, NC 27537 Fax: 1-()- -

Category: Adhesion Specifier: CCC-W-408D LE 1994; V 10/17 PC: 24H SM/hr/mg

TEST PERFORMED: Federal Specification CCC-W-408D - Wall Covering, Vinyl Coated Table III Coating Adhesion which references:

ASTM D 751-06 - Standard Test Methods for Coated Fabrics Sections 45-48 - Adhesion of Coating to Fabric

CLASSIFICATION APPLIED FOR: CLASSIFICATION CRITERIA:
 Type I (Light Duty) 2 lbf/inch minimum
 Type II (Medium Duty) 3 lbf/inch minimum or CCBS
 Type III (Heavy Duty) 3 lbf/inch minimum or CCBS

TEST WIDTH: 1.0"; 2.0"; 3.0"

FACE TO FACE BONDING: Yes [CODE 225]
 No [CODE 150]

RESULTS:	Machine Direction (lbf/inch)	Cross Machine Direction (lbf/inch)
Specimen #		
1	13.1	29.0
2	9.0	4.6
3	4.0	28.8
Avg:	8.7	20.8

ABBREVIATIONS USED: lbf = Pounds force.
 CCBS = Coating cannot be separated from base material.

REMARKS: None.

CONCLUSION: Based on the reported Results with the "Classification Applied For" and the "Classification Criteria", the product tested:

Complies; Does not comply

-- See Page 2 for "Brief Description of Test" --

Received: 12/01/2017	Completed: 12/08/2017	Letter: M10	RG	P.O.#:	Test Report #: 3-23469-0-10
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]				
Tested For: Damian Maldonado Vescom America 2289 Ross Mill Road Henderson, NC 27537	Key Test: ASTM D751 45-48/CCC-W-408D				225
	Tel: 1-(252)-431-6200		Ext:		
	Fax: 1-()- -				

BRIEF DESCRIPTION OF TEST: In order to start the test, the coating must be preliminarily peeled away from the underlying base material so that there are sections of the material that can be placed in the grips (holding clamp) of the test instrument.

A typical specimen is 1" x 8". Based on the difficulty of the preliminary peel, the width can be increased to 2" or 3".

The material is placed in one of the holding clamps, the underlying peeled base material is placed in the opposite holding clamp.

The machine is started so that the holding clamps pull away from each other at a specified rate.

The test machine continually indicates the measured force until such time that the coating and the base material are separated.

In many instances, due to the composition of the coating and / or the base material, the two layers cannot be separated.

When this occurs, the test method provides that two 8" specimens be bonded face to face. Hopefully, the bond will be strong enough to allow for the coating to peel away from the base fabric before the break occurs at the bonded surface.

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



Phyllis Pettit

DEC 27 2017

 AUTHORIZED SIGNATURE
 GOVMARK

/jb /pm

(Page 2 of 2)



Received: 12/01/2017	Completed: 12/07/2017	Letter: M11	RV	P.O.#:	Test Report #: 3-23469-0-11
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]				
Tested For: Damian Maldonado Vescom America 2289 Ross Mill Road Henderson, NC 27537	Key Test: CCC-W-408D 4.4.6			135	
	Tel: 1-(252)-431-6200			Ext:	
	Fax: 1-()- -				

Catgory: Cold Crack/Mandrel LE 1994; V 10/17 Specifier: CCC-W-408D PC: 24H /jd SM/mg

TEST PERFORMED: Federal Specification CCC-W-408D - Wall Covering, Vinyl Coated, Section 4.4.6 - Cold Crack Resistance

Test Conditions: 30 minutes exposure at 20° ± 4°F
 Specimen Size: 2" x 8"

CLASSIFICATION APPLIED FOR: CLASSIFICATION CRITERIA:

- | | |
|---|----------------|
| <input type="checkbox"/> Type I (Light Duty) | Must not crack |
| <input type="checkbox"/> Type II (Medium Duty) | Must not crack |
| <input checked="" type="checkbox"/> Type III (Heavy Duty) | Must not crack |

RESULTS:


Specimen	Visual Evidence of Cracks (yes/no)
-----	-----
Machine Direction:	No
Cross Machine Direction:	No

REMARKS: None.

CONCLUSION: Based on the reported results with the "Classification Applied For" and the "Classification Criteria", the product tested:

Complies; Does not comply

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



 AUTHORIZED SIGNATURE
 GOVMARK
 /jb ipm

Phyllis Pettit
 DEC 27 2017



Received: 12/01/2017 Completed: 12/14/2017 Letter: M12 RV P.O.#: Test Report #: 3-23469-0-12

Client's Identification: Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]

Tested For: **Damian Maldonado** Key Test: FTM 5850/CCC-W-408D 425
 Vescom America
 2289 Ross Mill Road Tel: 1-(252)-431-6200 Ext:
 Henderson, NC 27537 Fax: 1-()- -

Category: Heat Aging LE 1994; V 10/17 Specifier: CCC-W-408D PC: 24H /jd SM/mg

TEST PERFORMED: Federal Specification CCC-W-408D - Wall Covering, Vinyl-Coated TABLE III: Heat Aging which references:

Federal Test Standard 191 - Method 5850 - Evaluation of Material after Accelerated Aging of Cloth, Oven Method

CLASSIFICATION APPLIED FOR:

CLASSIFICATION CRITERIA:

- Type I (Light Duty) The tested sample shall not become stiff, brittle, soft, tacky, discolored or show loss of grain
- Type II (Medium Duty) The tested sample shall not become stiff, brittle, soft, tacky, discolored or show loss of grain
- Type III (Heavy Duty) The tested sample shall not become stiff, brittle, soft, tacky, discolored or show loss of grain

TEST CONDITIONS:

Oven Temperature: 158°F ± 4°F (70°C ± 2°C)
 Exposure Period: 7 days

RESULTS:

Criteria	Observation (yes/no)
-----	-----
Stiff	No
Brittle	No
Soft	No
Tacky	No
Discolored	No
Loss of Grain	No

REMARKS: None.

CONCLUSION: Based on the reported results with the "Classification Applied For" and the "Classification Criteria", the product tested:

Complies; Does not comply



Received: 12/01/2017	Completed: 12/14/2017	Letter: M12	RV	P.O.#:	Test Report #: 3-23469-0-12
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]				
Tested For: Damian Maldonado	Key Test: FTM 5850/CCC-W-408D			425	
Vescom America 2289 Ross Mill Road Henderson, NC 27537			Tel: 1-(252)-431-6200	Ext:	
			Fax: 1-()- -		

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



 AUTHORIZED SIGNATURE
 GOVMARK

/jb
 /pm

Phyllis Pettit

DEC 27 2017

(Page 2 of 2)



Received: 12/01/2017 Completed: 12/14/2017 Letter: M13 RV P.O.#: Test Report #: 3-23469-0-13

Client's Identification Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]

Tested For: **Damian Maldonado** Key Test: CCC-W-408D/ASTM F793 225
 Vescom America
 2289 Ross Mill Road Tel: 1-(252)-431-6200 Ext:
 Henderson, NC 27537 Fax: 1-()- -

Category: Shrinkage Specifier: ASTM F 793 PC: 24H SM/hr/mg
 LE: 2015; V 10/17

TEST PERFORMED: ASTM F 793 Standard Classification of Wallcovering by Durability Characteristics, Paragraph 7.19 which references:

Federal Specification CCC-W-408D Wall Covering, Vinyl-Coated, Paragraph 4.4.7

CLASSIFICATION CRITERIA:

CLASSIFICATION APPLIED FOR:	Machine Direction (Maximum % Shrinkage)	Cross Machine Direction (Maximum % Shrinkage)
[] Category IV, Type I	2	1
[] Category V, Type II	2	1
[x] Category IV, Type III	2	1.5

BRIEF DESCRIPTION OF TEST: Three specimens, marked with 10" gage marks in both the warp and filling directions, are immersed in distilled water. After 30 minutes the specimens are removed and dried in a circulating oven at 200° F (93.3° C) for 30 minutes. The specimens shall then be conditioned for a period of 8 hrs. The gage marks are measured and the percent shrinkage is calculated.

RESULTS:

Specimen #	Machine Direction Shrinkage (percent)	Cross Machine Direction Shrinkage (percent)
Specimen #1		
Location 1:	1.0	0.0
Location 2:	1.0	0.0
Location 3:	1.0	0.0
Specimen #2		
Location 1:	1.0	0.0
Location 2:	1.0	0.0
Location 3:	1.0	0.0
Specimen #3		
Location 1:	1.0	0.0
Location 2:	1.0	0.0
Location 3:	1.0	0.0
Avg:	1.0	0.0

-- See Page 2 for "Conclusion" --
 (Page 1 of 2)

Received: 12/01/2017	Completed: 12/14/2017	Letter: M13	RV	P.O.#:	Test Report #: 3-23469-0-13
Client's Identification	Style: Vinyl Wallcovering. Content: Cotton. Weight: 35 oz. Backing: Light Cotton. [Color as described by SGS Govmark: White]				
Tested For: Damian Maldonado	Key Test: CCC-W-408D/ASTM F793			225	
Vescom America 2289 Ross Mill Road Henderson, NC 27537	Tel: 1-(252)-431-6200		Ext:		
	Fax: 1-()- -				

NOTE: "+" indicates elongation.

REMARKS: None.

CONCLUSION: Based on the above results and "Classification Applied For", the product:

Complies; Does not comply

with the Classification Criteria of this specific paragraph of ASTM F 793.

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



Phyllis Pettit

 AUTHORIZED SIGNATURE
 GOVMARK
 /jb lpm

DEC 27 2017

(Page 2 of 2)