

April 2019

Product Distributor: Rollesee Acmeda

Testing Laboratory: Berkley Analytical

Risk Assessor: Labeling Sustainability Inc.

Supplier Declaration of Conformity and Claim of Low VOC Content

S45 Chain Control, Roller Shade Series and CF90 Fascia system components

The VOC assessment for the VOCs off gassed by the system components **S45 Chain Control, Roller Shade Series and CF90 Fascia system components** referred to for the test as Kit 3, distributed by Rollesee Acmeda was tested by Berkley Analytical, in test report number *1135-002-03A-Mar2119*

Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers Version 1.2 was performed with the intent of determining the state of compliance of the materials for USGBC LEED v4, MR credit for Low Emitting Materials. A complete listing of all system components included in the tested system products Kit 3: **S45 Chain Control, Roller Shade Series and CF90 Fascia system components** are detailed in Table 1. All calculations and assumptions are based on the model data that is for predicted VOC concentration in air in 30.6 m³ of an indoor environment. For purposes of the report and subsequent calculations it is referred to Private Office (30.6 m³).

In accordance with the Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers Version 1.2 as prepared by the California Department of Public Health, dated January 2017, Section 8.7.1.5

“A range of product models, brands and/or styles with varying characteristics may be grouped together for testing purposes if the products can be expected to have virtually the same performance during testing and use. A test group shall only include models which are made using the same production methods and are comprised of the same product ingredients (formulation). The test sample shall be selected from the model in the group that can be expected to give the worst results for the test taking into consideration special attributes, materials, methods of manufacturing, suppliers, etc.” (2)

This allows for the full line of system components distributed by Rollesee Acmeda to be listed in Table 1. An excerpt from the full reports by Berkeley Analytical, number *1135-002-03A-Mar2119* are included as evidence of the full system tested.

Table 1: System component covered by test Kit 3, Bold type denotes actual components tested

Item #	Item Description
RB09-0145-xxx002	CHAINWINDER
TG09-0145-xxx904	RB09 M3 Chain Winder Spindle/Cover
TG09-0145-xxx911	Chain/Cord Winder - Wheel RB09 Sys 45
TG09-0145-xxx903	Chain Winder - Jacket RB09 Sys 45
TG09-0145-xxx902	Chain Winder - Bracket Adaptor 12mm RB09 Sys 45
HD84-0001-000902	Clutch Spring - 1.2 Square Spring Steel x 19.85 ID / LH - 6 Coil
RB09-0245-xxx001	IDLER
TG09-0245-xxx905	Idler - Housing RB09 Sys 45
TG09-0245-xxx904	Idler - Release Wheel RB09 Sys 45 x 48mm
TG09-0245-xxx902	Idler - Inner Core RB09 Sys 45
TG09-0245-xxx901	Idler - Centre Pin 10mm RB09 Sys 45
TG09-0245-xxx903	Idler - Locking Sleeve RB09 Sys 45
HD84-0002-025906	Spring Compression Dia. 1.20mm Spring Wire - 12mm ID x 40mm Long
HD84-0002-025907	Spring Compression Dia. 1.50mm Spring Wire - 20.8mm ID x 40mm Long
RB09-0352-xxx040	40mm BRACKET SET
TG08-0356-xxx040	Control 'LX' Steel Bracket - 12mm/40p
TF09-0352-xxx940	Easy-Lock, LX, Steel Bracket for Idler Dome (RB09), 50 x 40p
TF09-0301-xxx914	Idler 10mm Disk - 46.5mm OD
RC02-0101-xxx090	CASSETTE END PLATES
MC02-0101-xxx901	Cassette 90 End Plate (LH)
MC02-0101-xxx902	Cassette 90 End Plate (RH)
HD82-2366-010016	Screw, Self Tapper, Thread Cutting Type 25, Phillips, Pan Head, #6 x 5/8"
RC02-0102-xxx090	CASSETTE ROUND COVER
MC02-0102-xxx901	Box 90 Round Cover (LH)
MC02-0102-xxx902	Box 90 Round Cover (RH)
MC02-0102-xxx903	Box 90 Round Cover Blanking Piece
RC02-0103-xxx090	CASSETTE SQUARE COVER
MC02-0103-xxx901	Box 90 Square Cover (LH)
MC02-0103-xxx902	Cassette 90 Square Cover (RH)
MC02-0103-xxx903	Cassette 90 Square Cover Blanking Piece
RC02-0202-001090	CHAIN GUIDE OPTIONS -
MC02-0201-xxx902	Cassette 90 Round Chain Guide RH
MC02-0201-xxx901	Cassette 90 Round Chain Guide LH
MC02-0202-xxx902	Cassette 90 Square Chain Guide RH
MC02-0202-xxx901	Cassette 90 Square Chain Guide LH
RC03-1002-025090	MOUNTING BRACKET OPTIONS
MC03-1001-xxx901	Cassette 90 Mounting Bracket Frame

MC03-1002-xxx901	Cassette 90 Mounting Bracket L Frame
MC03-1001-xxx902	Cassette 90 Mounting Bracket Locking Piece
HD84-0002-000905	Spring, Compression
RB93-0443-000490	Sys 45 Light Aluminium Tube - 43mm OD (meters)
RB93-0444-000490	Sys 45 Standard Aluminium Tube - 44mm OD (meters)
RB93-0449-000490	Sys 45 Heavy Duty Aluminium Tube - 49mm OD (meters) TAPED!!
RC01-0101-xxx480	Cassette 90 Back (meters)
RC01-0102-xxx480	Cassette 90 Round Cover (meters)
RC01-0103-xxx480	Cassette 90 Square Cover (meters)
RB91-1232-xxx490	D30 Hem Bar
SB06-0201-xxx580	F4115 Hem Bar
SB91-0005-001100	Bubble Seal
SB91-0011-050500	Brush
RB91-3120-xxx000	Top Mount Tension Wire Stopper - RB91-3120-xxx000
RB91-3121-xxx001	Wall Mount Tension Wire Stopper - RB91-3121-xxx001
RB91-3602-010012	Wire Guide Tensioning Cabel RB91-3602-010012
RB91-2231-xxx002	End Cap pair RB91-2231-xxx002
VA01-1401-020S45	#10 metal ball chain (meters)
RBC-45MSS	Metal Chain
RBC-6MMXX	Plastic Chain
AC04-0330-370080	Cord Loop C30 8' Cocoa Cd
RB41-1002-xxx045	EASY-LINK MALE DRIVE
TF41-1001-xxx145	Intermediate 40 - Housing Sys 45
TF08-0501-029006	Auto-Idler Assembly - Lock Pin - Short
TF41-1001-000904	Intermediate 40 - Male Idler Spindle - 14 Teeth
TF41-1001-001945	Intermediate 40 - Release Wheel 43mm
HD84-0002-025902	Spring, Compression-1.0mm Wire-10.2mm ID x 44mm Long
RB41-1001-xxx045	EASY-LINK FEMALE DRIVE
TF41-1001-xxx145	Intermediate 40 - Housing Sys 45
TF41-1001-000903	Intermediate 40 - Female Drive Spindle - 14 Teeth
TF41-1001-001945	Intermediate 40 - Release Wheel 43mm
HD84-0002-025902	Spring, Compression-1.0mm Wire-10.2mm ID x 44mm Long
TF08-0501-029006	Auto-Idler Assembly - Lock Pin - Short
TF40-1001-000005	Intermediate 40 - Auto Idler Adaptor - 14 Teeth
RB41-0353-xxx040	EASY-LINK BEARING BRACKET
TG41-0355-xxx940	Easy-Link "LX" Steel Bearing Bracket - 40p
TF41-0355-xxx955	Easy-Link "LX" Steel Bearing Bracket - 55p
MG41-0311-022005	Bearing Assy - 17ID x 31/37OD x 8

Leadership in Energy and Environmental Design (LEED)

The USGBC LEED v4 rating system contains a credit EQ Credit: Low Emitting Materials. The intent of this credit is to reduce concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment (3).

“Building products must be tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method v1.1–2010, using the applicable exposure scenario. The default scenario is the private office scenario. The manufacturer’s or third-party certification must state the exposure scenario used to determine compliance.

Manufacturers’ claims of compliance must state the range of total VOCs after 14 days (336 hours), measured as specified in the CDPH Standard Method v1.1:

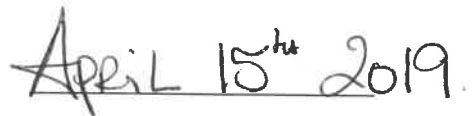
- 0.5 mg/m³ or less; between 0.5 and 5.0 mg/m³; or 5.0 mg/m³ or more.”

The manufactured system components Kit 3: **S45 Chain Control, Roller Shade Series and CF90 Fascia system components** tested by Berkeley Analytical, in report number *1135-002-03A-Mar2119* are compliant with this low emitting material standard with a 14-day Total VOC of ≤ 0.5 mg/m³. This is based on the modeled scenario for a private office at 30.0 m³. The certificate attached.



Vice President of Global Quality

for Rollese Acmeda



Date



COMPLIANCE TESTED by berkeley analytical

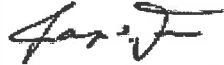
VOC Emission Test Certificate

Product Name: Window Coverings Kit 3 - 061003000BLA

Product Sample Information

Company: Rollease Acmeda
Company Website: www.rolleaseacmeda.com
Product Type: Window Covering (any)
Date Produced: 2/19/2019

Certificate Information

Certificate No: 190322-02
Certified By: 
Raja S. Tannous, Laboratory Director
Date: March 22, 2019

Reference Standard: California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017 (Emission testing method for CA Specification 01350)

Acceptance Criteria and Results Demonstrating Compliance of Product Sample to Referenced Standard:

Exposure Scenario ¹	Individual VOCs of Concern ²		Formaldehyde ³		TVOC ⁴ Range
	Criterion	Compliant?	Criterion	Compliant?	
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	≤ 0.5 mg/m ³

Product Coverage⁵: Not applicable

1. Exposure scenarios & product quantities for classroom & office are defined in Tables 4-2 – 4-5 (CDPH Std. Mtd. V1.2-2017)
2. Maximum allowable concentrations of individual target VOCs are specified in Table 4-1 (*ibid.*)
3. Maximum allowable formaldehyde concentration is ≤9 µg/m³, effective Jan 1, 2012; previous limit was ≤16.5 µg/m³ (*ibid.*)
4. Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m³, >0.5 – 4.9 mg/m³, and ≥5.0 mg/m³
5. Informative and applicable only to tests of wet-applied products; grams of sample applied per square meter of substrate

Standards & Codes Recognizing CDPH Standard Method V1.2 (partial list)

- USGBC LEED Version 4, BD&C, ID&C
- The WELL Building Standard

Narrative: Rollease Acmeda selected a sample representative of its Window Coverings Kit 3 - MESA BO 118" Black 061003000BLA polyester product and submitted it on 2/27/2019 for testing. Berkeley Analytical measured and evaluated the emissions of VOCs from this sample following CDPH/EHLB/Standard Method V1.2-2017. The results of the test are presented in Berkeley Analytical report, 1135-002-02A-Mar2219.

Berkeley Analytical is an independent, third-party laboratory specializing in the analysis of organic chemicals emitted by and contained in building products, finishes, furniture, and consumer products. We are an ISO/IEC 17025 accredited laboratory (IAS, [TL-383](#)); all standards used in performing this test are in Berkeley Analytical's scope of accreditation.

DISCLAIMER: THIS CERTIFICATE OF COMPLIANCE AFFIRMS THAT: 1) A SAMPLE OF THE LISTED PRODUCT WAS TESTED ACCORDING TO THE REFERENCED STANDARD; 2) THE MEASURED VOC EMISSIONS FROM THE SAMPLE WERE EVALUATED FOR THE DEFINED EXPOSURE SCENARIO(S); AND 3) THE RESULTS MEET THE ACCEPTANCE CRITERIA OF THE REFERENCED STANDARD(S). BERKELEY ANALYTICAL IS NOT RESPONSIBLE FOR ANY CLAIMS REGARDING A PRODUCT OR PRODUCTS ENTERED INTO COMMERCE THAT MAY BE BASED ON THIS TEST. BERKELEY ANALYTICAL PROVIDES THIS CERTIFICATE OF COMPLIANCE "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE.



COMPLIANCE TESTED by berkeley analytical


VOC Emission Test Certificate

Product Name: Window Coverings Kit 3 - 040032500N901

Product Sample Information

Company: Rollease Acmeda
Company Website: www.rolleaseacmeda.com
Product Type: Window Covering (any)
Date Produced: 2/19/2019

Certificate Information

Certificate No: 190322-01
Certified By: 
Raja S. Tannous, Laboratory Director
Date: March 22, 2019

Reference Standard: California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017 (Emission testing method for CA Specification 01350)

Acceptance Criteria and Results Demonstrating Compliance of Product Sample to Referenced Standard:

Exposure Scenario ¹	Individual VOCs of Concern ²		Formaldehyde ³		TVOC ⁴ Range
	Criterion	Compliant?	Criterion	Compliant?	
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	≤ 0.5 mg/m ³

Product Coverage⁵: Not applicable

1. Exposure scenarios & product quantities for classroom & office are defined in Tables 4-2 – 4-5 (CDPH Std. Mtd. V1.2-2017)
2. Maximum allowable concentrations of individual target VOCs are specified in Table 4-1 (*ibid.*)
3. Maximum allowable formaldehyde concentration is ≤9 µg/m³, effective Jan 1, 2012; previous limit was ≤16.5 µg/m³ (*ibid.*)
4. Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m³, >0.5 – 4.9 mg/m³, and ≥5.0 mg/m³
5. Informative and applicable only to tests of wet-applied products; grams of sample applied per square meter of substrate

Standards & Codes Recognizing CDPH Standard Method V1.2 (partial list)

- USGBC LEED Version 4, BD&C, ID&C
- The WELL Building Standard

Narrative: Rollease Acmeda selected a sample representative of its Window Coverings Kit 3 - 4000 Net 3% N901 98.4" Charcoal/Charcoal 040032500N901 product and submitted it on 2/27/2019 for testing. Berkeley Analytical measured and evaluated the emissions of VOCs from this sample following CDPH/EHLB/Standard Method V1.2-2017. The results of the test are presented in Berkeley Analytical report, 1135-002-01A-Mar2219.

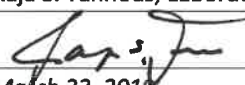
Berkeley Analytical is an independent, third-party laboratory specializing in the analysis of organic chemicals emitted by and contained in building products, finishes, furniture, and consumer products. We are an ISO/IEC 17025 accredited laboratory (IAS, [TL-383](#)); all standards used in performing this test are in Berkeley Analytical's scope of accreditation.

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Building Product VOC Emission Factors

Customer & Building Product Sample Information

Report Certification	
Report number	1135-002-03A-Mar2119
Report date	Mar 21, 2019
Certified by (Name/Title)	Raja S. Tannous, Laboratory Director
Signature	
Date	March 22, 2019

Standard	
Test method	ASTM D5116 (Small Chamber)

Customer Information	
Manufacturer or organization	Rollease Acmeda
City/State/Country	Stamford, CT USA
Contact name/Title	Patrick O'Connell, VP Quality
Phone number	6176800300

Product Sample Information*	
Manufacturer (if not customer)	Same as above
Product name / Number	Window Coverings Kit 3 - Parts
Product CSI category	Window Treatments (12 20 00)
Customer sample ID	Kit 3
Manufacturing location	Rollease Acmeda Conover NC 28613
Date sample manufactured	Feb 19, 2019
Date sample collected	Feb 20, 2019
Date sample shipped	Feb 26, 2019
Date sample received by lab	Feb 27, 2019
Condition of received sample	No observed problems
Lab sample tracking number	1135-002-03A
Conditioning start date & duration (if applicable)	Mar 1, 2019; 13 days
Chamber test start date & duration	Mar 14, 2019; 1 days (24 hours)
Total test start date & duration	Mar 1, 2019; 14 days (336 hours)

*Chain-of-custody (COC) form for product sample is attached to this report

Photographs of Tested Product Specimen

Photo Documentation – The product sample specimen is photographed immediately following specimen preparation and prior to initiating the test. Typically, the top and bottom faces of the specimen are photographed. Bottom faces may show a stainless steel plate or other substrate if required by the test.

