Certificate of Compliance
VOC Emissions

Product Name: 1Ply Printed Wallboard Vinyl

Product Sample Information		Certificate Information	
Manufacturer:	Roysons Corporation	Certificate No:	120105-01
Manf. Website:	www.roysons.com	Certified By:	Raja S. Tannous, Laboratory Director
CSI Category & No.:	Vinyl-Coated Fabric Wall Coverings (09 72 16)		
Date Produced:	12/2/2011	Date:	January 5, 2012

Reference Standard: California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010 (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]	
	Criterion	Compliant?	Criterion	Compliant?
School Classroom	≤½ Chronic REL	YES	≤9.0 µg/m^3	YES
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m^3	YES

1. Exposure scenarios & product quantities for classroom & office are defined in Tables 4-2 – 4-5 (CDPH Std. Mtd. V1.1-2010)
2. Maximum allowable concentrations of individual target VOCs are specified in Table 4-1 (*ibid.*)
3. Maximum allowable formaldehyde concentration is 16.5 µg/m^3 before Dec. 31, 2011 & 9 µg/m^3 on Jan 1, 2012 (*ibid.*)

Potential Applications

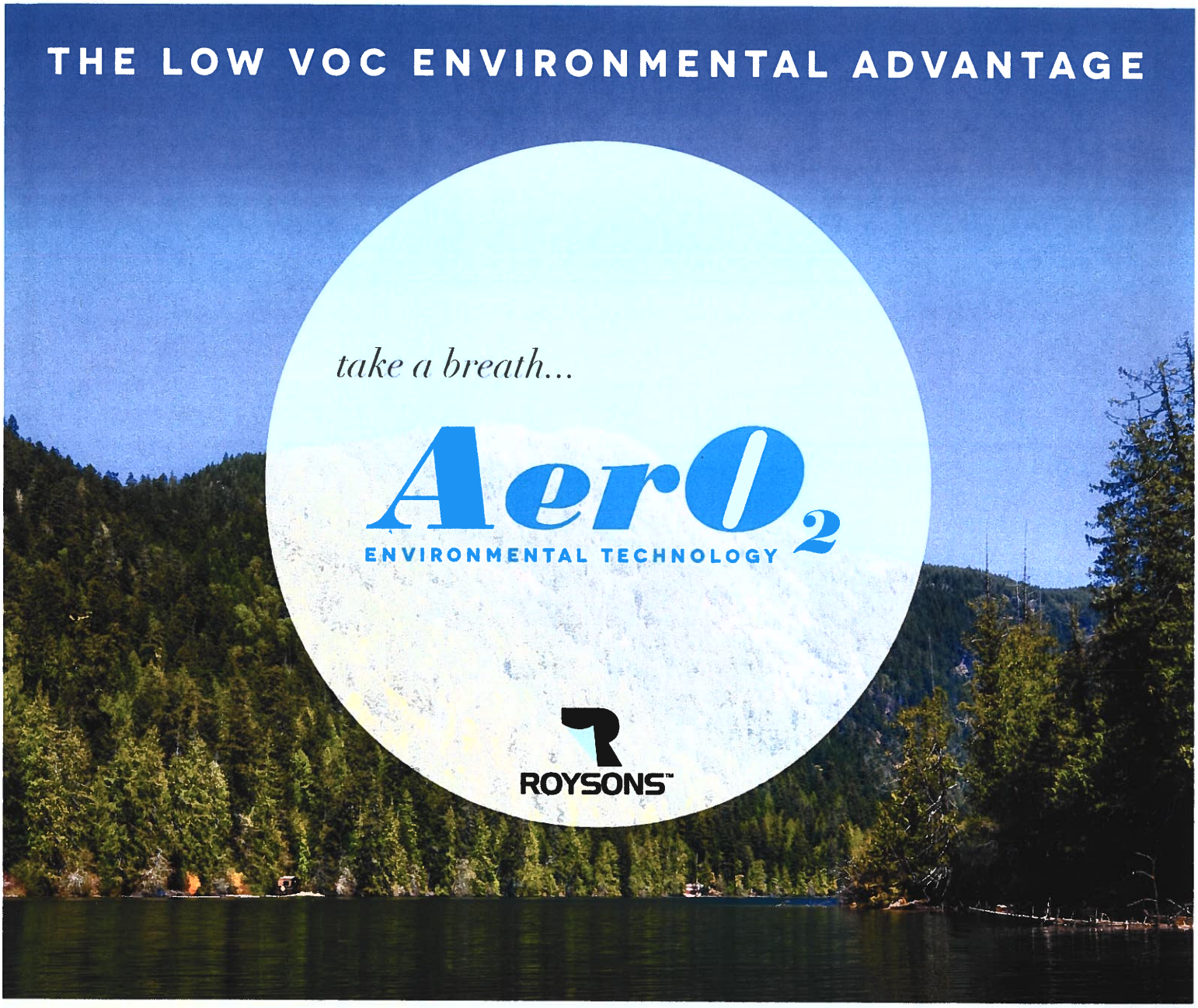
- ANSI/ASHRAE/USGBC/IES Standard 189.1-2009, 8.4.2.6: Ceiling & Wall Systems
- USGBC LEED for Healthcare, 2009 (Feb 2011), IEQ Credit 4: LEM, Group 2 - Wall & Ceiling Finishes
- USGBC LEED for Schools, 2009, IEQ Credit 4.6: LEM - Ceiling & Wall Systems
- Collaborative for High Performance Schools (CHPS) rating system, 2009 Criteria EQ2.2.6: Ceiling & Wall Systems
- Green Guide for Healthcare, V2.2, 2007, EQ Credit 4.2: LEM - Wall & Ceiling Finishes
- ANSI/GBI 01-2010 Green Building Assessment Protocol, 2010, Table 12.2.1-B: Walls

Narrative: Roysons Corporation selected a sample representative of its 1Ply Printed Wallboard Vinyl product and submitted it for testing commencing on 12/6/2011. Berkeley Analytical measured and evaluated the emissions of VOCs from this sample following CDPH/EHLB/Standard Method V1.1-2010. The results of the test are presented in Berkeley Analytical report, 241-008-02A-Jan0512.

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) the product sample was tested according to the referenced standard; 2) the measured VOC emissions were evaluated for the defined exposure scenario(s); and 3) the results meet the acceptance criteria of the referenced standard(s). Potential applications of the test and this certificate are suggested. 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.

THE LOW VOC ENVIRONMENTAL ADVANTAGE



Innovative Formulations $AerO_2$ technology is a proprietary aqueous ink and vinyl formulation system

Environmentally Sound Wallboard with $AerO_2$ technology has low VOC's and is cadmium, lead and formaldehyde free

Certifications Wallboard with $AerO_2$ meets the demanding specifications of CA 1350 test for indoor air quality and conforms to CA Prop 65

Chemical Resistance $AerO_2$ inks are formulated to provide alkali and alcohol resistance and are not affected by soap and commonly used cleaning agents

Cleanability $AerO_2$ inks withstand harsh cleaning tests using standardized scrub testers

Block Resistance $AerO_2$ inks are used on vinyl constructions and resist plasticizer migration. They can be processed at high temperatures without sticking to machine components or sticking within the bundle of finished goods

Light Fastness $AerO_2$ inks will not discolor when exposed to prolonged periods of UV radiation

Heat Resistance $AerO_2$ inks will not discolor during high temperature processing

Color Consistency Evaporation problems usually encountered with solvent inks are eliminated with $AerO_2$ inks. Loss of solvents during production is a major reason for poor color consistency with solvent inks