



Acrovyn®

Acrovyn 4000 California 01350 Testing



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Certificate of Compliance – VOC Emissions

New Acrovyn Wall Protection Systems, Acrovyn Water-Based Mastic Primer & Adhesive Construction Specialties Inc.

Construction Specialties Inc. selected samples representative of its New Acrovyn Wall Protection System: Acrovyn Water-Based Mastic Primer, Acrovyn Water-Based Mastic Adhesive, & New Acrovyn Protective Wall Covering and Wall Guards #s AC-NW-1, AC-NW-2 and AC-NW-3, and submitted them for testing as an assembly on September 3, 2009. Berkeley Analytical measured and evaluated the emissions of volatile organic compounds (VOCs) from this assembly sample according to California Department of Health Services (CDHS) *Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers* (CA/DHS/EHLB/R-174, 2004; also known as, chamber testing portion of CA Section 01350) and ASTM Standard Guide D 5116-06. Chemical sampling and analyses were performed following U.S. EPA Compendium Methods TO-1 and TO-17 and ASTM Standard Method D 5197-03.

Calculations were performed with the following standard classroom and office exposure parameters to project the concentrations of VOCs of concern resulting from the use of this product. The results of the test and the calculated concentrations for the classroom and office are presented in Berkeley Analytical laboratory report, 228-003-01AA-Oct0509.

Exposure Scenarios

Standardized Environment	Room Volume (m ³)	Area Specific Air Flow Rate (m/h)	Wall Area (m ²)
Classroom	231	1.98	94.6

Summary of test results according to the CA DHS Standard Practice guidelines:

- Predicted concentrations of all VOCs of concern including formaldehyde were below the guideline concentrations.

Based on these results, the tested product sample meets the VOC emission requirements for use in classroom and office environments as defined in the CA DHS Standard Practice. Thus, the testing requirements are met to qualify the product as a low-emitting material in the Collaborative for High Performance Schools rating system (CHPS Designed & CHPS Verified).

Certificate No.: 091005-01

Dated: October 5, 2009

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To download details, specs & photos visit www.c-sgroup.com
For technical and design assistance call 800-233-8493.

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