

Certificate of Compliance – VOC Emissions

Seating (Lounge Upholstered): Conic, Venus, Bison, Toga, Pebble, Open

Allermuir

Allermuir selected a sample representative of its Conic Lounge Chair, # A632 product manufactured at Maumee, OH and submitted it for testing on February 9, 2011. Berkeley Analytical measured and evaluated the emissions of volatile organic compounds (VOCs) from this sample according to ANSI/BIFMA M7.1-2007, *Standard Test Method for Determining VOC Emissions from Office Furniture Systems, Components and Seating*. Chemical sampling and analysis were performed following U.S. EPA Compendium Method TO-17 and ASTM Standard Method D 5197.

Calculations were performed with the office environment for seating defined in ANSI/BIFMA M7.1-2007 to project the concentrations of VOCs resulting from the use of this product. These concentrations were compared to the guidelines for seating in ANSI/BIFMA X7.1-2007, *Standard for Formaldehyde and TVOC Emissions of Low-emitting Office Furniture Systems and Seating*. The results of the test and the calculated concentrations for the seating environment are presented in Berkeley Analytical laboratory report, 447-003-01AA-Feb2811.

Exposure Scenario

Standardized Environment	Number of Seating Units	Clean Air Supply Flow Rate (m ³ /h)
Office	1	24.8

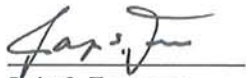
Summary of test results according to the ANSI/BIFMA X7.1-2007 guidelines:

- Predicted concentrations of TVOC, formaldehyde, total aldehydes and 4-phenylcylohexene were below the guideline concentrations.

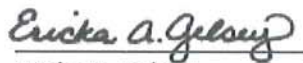
Based on these results, the tested product sample meets the VOC emission requirements for use in an office environment as defined in ANSI/BIFMA M7.1-2007 and X7.1-2007. Thus, the testing requirements are met for USGBC LEED 2009 for Commercial Interiors, IEQ Credit 4.5: Low-Emitting Materials – Systems Furniture and Seating, Option 3.

Certificate No.: 110228-01

Dated: February 28, 2011



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