

Self-Declared Certificate  
of Product Conformity  
VOC Emissions



### Company Information

|                      |                        |
|----------------------|------------------------|
| Company Name:        | Benjamin Moore         |
| Contact Information: | info@benjaminmoore.com |
| Website:             | www.benjaminmoore.com  |

### Product Information

|                   |                                     |
|-------------------|-------------------------------------|
| Product Name:     | INSL-X® Vapor Barrier Primer/Sealer |
| Product Number:   | VB-5000                             |
| Product Line:     | INSL-X®                             |
| Product Category: | Moisture Barrier (coating)          |

### Exclusions

|             |      |
|-------------|------|
| Exclusions: | None |
|-------------|------|

### VOC Content

|   |                                    |
|---|------------------------------------|
| Regulatory VOC Content g/L:                     | 44                                 |
| Regulation:                                     | SCAQMD Rule 1113                   |
| Category:                                       | Primers, Sealers, and Undercoaters |
| VOC Content test or determination method:       | U.S EPA Method 24                  |
| Exempt compounds >1% weight by mass of product: | No                                 |

Does product contain methylene chloride or perchloroethylene?:

No

## VOC Emissions

|                                     |  |
|-------------------------------------|--|
| Test Standard:                      | <b>CDPH Standard Method V1.2</b>             |
| Acceptance Criteria:                | <b>CDPH Standard Method V1.2</b>             |
| Use scenario(s) Product type:       | <b>Wall Paint &amp; Wall Coverings</b>       |
| Building Type:                      | <b>Classroom</b>                             |
| Product coverage g/m <sup>2</sup> : | <b>171</b>                                   |
| TVOC concentration at 14-days:      | <b>Less or equal to 0.5 mg/m<sup>3</sup></b> |
| Direct or extended claim:           | <b>Direct</b>                                |

## Compliance Testing

|  |  |
|--|--|
| ISO/IEC 17025 accredited third-party laboratory: | <b>Berkeley Analytical, IAS TL-383</b> |
| Test start date:                                 | <b>02/03/2023</b>                      |
| Laboratory certificate number:                   | <b>230224-09</b>                       |

## Extended Claim for Co-product

|   |                       |
|---|-----------------------|
| Name of compliance tested product:  | <b>Not Applicable</b> |
| Number:   | <b>Not Applicable</b> |
| Was listed product screening-level tested for VOC emissions?:                                     | <b>Not Applicable</b> |
| Basis for extension of claim from compliant product to co-product:                                | <b>Not Applicable</b> |
| Brief description of procedures used to ensure product is represented by compliance test results: | <b>Not Applicable</b> |

## Quality Control

|  |                       |
|--|-----------------------|
| Company maintains internal quality control program to ensure manufactured units are produced consistently and meet the requirements and acceptance criteria of listed standard(s):   | <b>Yes</b>            |
| Tested product sample was selected from typical production and is representative of commercial product. Where there are expected variations, sample was selected from production lot or group expected to give worst-case results: | <b>Yes</b>            |
| If claim is for product other than product that was sampled and compliance tested, company maintains record of procedures used for extending claim in form of test results, calculations, formulations, or other information:      | <b>Not Applicable</b> |

## Self-Declaration Signature

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|   |                                    |
|---|------------------------------------|
| I affirm that I am authorized to make claims established in this declaration: | Yes                                |
| I certify that the information in this declaration is true and correct:       | Yes                                |
| Date:   | 05/25/2023                         |
| Name of company representative:   | Edja Kouassi                       |
| Title:  | Product Technology, Senior Manager |
| Signature:  | Edja Kouassi                       |

This ClearChem template is a standardized reporting form used by companies to make self-declared claims about the environmental performance of their products. Only companies that have entered into a binding Implementation Agreement with Berkeley Analytical may use this form.

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# COMPLIANCE TESTED by berkeley analytical

## VOC Emission Test Certificate

Product Name: INSL-X® Vapor Barrier Primer/Sealer - VB-5000

| Product Sample Information |                       | Certificate Information |   |
|----------------------------|-----------------------|-------------------------|---|
| Company:                   | Benjamin Moore        | Certificate No:         | 230224-09   |
| Company Website:           | www.benjaminmoore.com | Certified By:           | <br>Raja S. Tannous, Laboratory Director |
| Product Type:              | Paints & Coatings     | Date:                   | February 24, 2023   |
| Date Produced:             | 1/11/2023             |                         |   |

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 <sup>1</sup> | Individual VOCs of Concern <sup>2</sup> |            | Formaldehyde <sup>3</sup> |            | TVOC <sup>4</sup>       |
|--------------------------------|---|------------|---------------------------|------------|-------------------------|
|                                | Criterion                               | Compliant? | Criterion                 | Compliant? | Range                   |
| School Classroom               | ≤½ Chronic REL                          | YES        | ≤9.0 µg/m <sup>3</sup>    | YES        | ≤ 0.5 mg/m <sup>3</sup> |

Product Coverage<sup>5</sup>: 171 g/m<sup>2</sup>

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/m<sup>3</sup>, effective Jan 1, 2012; previous limit was ≤16.5 µg/m<sup>3</sup> (*ibid.*)
4. Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m<sup>3</sup>, >0.5 – 4.9 mg/m<sup>3</sup>, and ≥5.0 mg/m<sup>3</sup>
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)

- Collaborative for High Performance Schools, CHPS Core Criteria 3.0

**Narrative:** Benjamin Moore selected a sample representative of its INSL-X® Vapor Barrier Primer/Sealer - VB-5000 product and submitted it on 1/30/2023 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, 360-170-01A-Feb2423.

**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.

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