



## VOC EMISSION RESULTS COMPARISON TO STANDARD

Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" (aka CA Section 01350).

### PRODUCT SAMPLE INFORMATION

|                                 |   |
|---------------------------------|---|
| <b>Manufacturer</b>             | Monopole Inc.   |
| <b>Product Description</b>      | Permasield 200 Part A (5360 White Base, Gloss) and Part B |
| <b>Product Type</b>             | Paints and Coatings                                       |
| <b>UL Sample Identification</b> | 1000924274-2957877  |
| <b>Manufactured Date</b>        | February 5, 2020  |
| <b>Test Completed Date</b>      | April 3, 2020   |
| <b>UL Report #</b>              | 1000924274-2957877  |
| <b>Report Date</b>              | April 10, 2020  |

### TEST RESULTS COMPARISON TO STANDARD CRITERIA

| Environment           | Classroom               |               | Office                  |               |
|-----------------------|-------------------------|---------------|-------------------------|---------------|
| <b>Surface Area</b>   | 94.6 m <sup>2</sup>     |               | 33.4 m <sup>2</sup>     |               |
|                       | <b>Criterion</b>        | <b>Meets?</b> | <b>Criterion</b>        | <b>Meets?</b> |
| <b>Individual VOC</b> | ≤ ½ CREL                | Yes           | ≤ ½ CREL                | Yes           |
| <b>Formaldehyde</b>   | ≤ 9.0 µg/m <sup>3</sup> | Yes           | ≤ 9.0 µg/m <sup>3</sup> | Yes           |

| Environment         | Classroom                     | Office                        |
|---------------------|-------------------------------|-------------------------------|
| <b>Surface Area</b> | 94.6 m <sup>2</sup>           | 33.4 m <sup>2</sup>           |
| <b>TVOC</b>         | 0.5 mg/m <sup>3</sup> or less | 0.5 mg/m <sup>3</sup> or less |

TVOC comparison is based on LEED BD+C: New Construction v4 (LEED v4), Indoor environmental quality (EQ) category/Low-emitting materials credit/Emissions and content requirements/General emissions evaluation.

<http://www.usgbc.org/node/2614095?return=/credits/new-construction/v4/indoor-environmental-quality>

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| <b>Authorized by</b> | <br>Allyson McFry<br>Chemistry Laboratory Manager |
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Complete testing and data results are presented in UL Environment Report

**Disclaimer:** This Comparison 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) if so indicated above that the results meet the criteria of the referenced standard(s). UL Environment did not select the samples, determine if the samples were representative of production samples, witness the production of test samples, or were we provided with information relative to the formulation or identification of component materials used in the test samples. The test results apply only to the actual samples tested. The issuance of this Comparison in no way implies Listing, Classification or Recognition by UL and does not authorize the use of UL Listing, Classification or Recognition Marks or any other reference to UL on the product or system. UL Environment authorizes the above named company to reproduce this Comparison provided it is reproduced in its entirety. The name, brand or marks of UL cannot be used in any packaging, advertising, promotion or marketing relating to the data in this Comparison, without UL's prior written permission. UL, its subsidiaries, employees and agents shall not be responsible to anyone for the use or nonuse of the information contained in this Comparison, and shall not incur any obligation or liability for damages, including consequential damages, arising out of or in connection with the use of, or inability to use, the information contained in this Comparison.