

27th May 2025

Distribution: Companies with valid SGBP certificates under the Interior Paints criteria

REVISION TO SGBP CERTIFICATION CRITERIA FOR INTERIOR PAINTS

Background

1 This circular serves to inform the industry of the update to the Interior Paints criteria under the Singapore Green Building Product (SGBP) certification scheme.

2 The certifying criteria for interior paint products under the SGBP certification scheme will be revised to align with the latest version of the Singapore Standard for emulsion paint for decorative purposes (SS 150: 2021). Revision to the criteria include the standardisation of test parameters and calculation methodology for the predicted reference room concentration for formaldehyde and total volatile organic compounds (TVOC).

Revised Criteria

3 For Section B2 requirement on Air Emission Performance, the test sample should be tested in the test chamber under the following parameters/test chamber condition:

- Temperature: $23 \pm 2^{\circ}\text{C}$
- Relative Humidity: $50 \pm 5\%$
- Chamber Air Exchange Rate: 0.5 to 1.0
- Chamber Loading Factor: $1.4 \text{ m}^2\text{m}^3$

4 The predicted reference room TVOC and formaldehyde concentration shall be calculated based on emission values taken at the 14 days or 336 hours mark. The reference room calculation shall be based on:

- Model room to follow Table 4-4 or Table 4-5 with reference to California Department of Public Health (CPDH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers V1.2 (2017); or
- Model room to follow Table 1 – European Reference Room (EN 16516)

5 The respective limits for the predicted reference room TVOC and formaldehyde concentration remains unchanged.

Implementation Timeline

6 The revised criteria will be rolled out and made available to all applications submitted from 1st June 2025 onwards.

7 Existing SGBP certificates for Interior Paints will remain valid until their expiry date.

For Clarification

8 We would appreciate if you could convey the contents of this circular to relevant members of your organisation. For any queries concerning this circular, please do not hesitate to contact SGBC at certification@sgbc.sg.