

10th June 2025

Distribution: Companies with valid SGBP certificates under the Wool-based Thermal Insulation criteria

REVISION TO SGBP CERTIFICATION CRITERIA FOR WOOL-BASED THERMAL INSULATION

Background

1 This circular serves to inform the industry of updates to the certification criteria for Wool-based Thermal Insulation products under the Singapore Green Building Product (SGBP) certification scheme.

Revised Criteria

2 The same benchmarks for thermal and acoustic performances will apply to all wool-based thermal insulation products under the revised criteria.

3 Under **Section B1 - Thermal Conductivity**, the SGBP tick ratings for wool, glass wool and stone wool products will be standardised based on the following thermal conductivity values at the mean temperature of 20°C:

SGBP Tick Rating	Description
1 Tick	K Value \leq 0.044 W/mK
2 Ticks	K Value \leq 0.040 W/mK
3 Ticks	K Value \leq 0.035 W/mK
4 Ticks	K Value \leq 0.030 W/mK

4 Under **Section C9 - Noise Reduction Coefficient (NRC)**, a minimum NRC value \geq 0.7 (at 50mm thickness) will be required. This updated requirement is aligned with LEED and WELL Building Standards, as well as prevailing industry testing practices for insulation materials.

Implementation Timeline

5 The revised criteria will take effect from **16th June 2025** and applies to all application submitted on or after this date.

6 Existing SGBP certificates for thermal insulation products will remain valid until their expiry date. However, holders of existing certificates may choose to submit an application for their product to be re-evaluated under the updated criteria, if desired.

For Clarification

7 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.