



Thermal Insulation and Vapour-Barrier Inspection Checklist

Interactive checklist for inspecting thermal insulation and vapour-barrier. Comment, export as PDF/Excel, and ensure energy efficiency and moisture control.

Project:

Date:

Filled by:

Pre-Inspection Preparation

1	Gather necessary tools such as a flashlight, moisture meter, insulation tester, and ladder. Ensure all safety gear including gloves, hard hat, and safety glasses are available.
2	Review building plans and specifications to understand the expected locations and types of insulation and vapour barriers.

Thermal Insulation Inspection

3	Inspect all accessible insulation for gaps, voids, or compression that could reduce its effectiveness.
4	Verify that the insulation material matches the specifications in terms of type and R-value.
5	Check that insulation is properly installed around electrical boxes, pipes, and ductwork without leaving gaps.
6	Ensure all insulation is dry and free from mold or mildew.

Vapour-Barrier Inspection

7	Examine the vapour barrier for any tears, holes, or areas of discontinuity.
8	Check that the vapour barrier is properly sealed at all edges and seams using the appropriate tape or sealant.
9	Ensure the vapour barrier is installed on the correct side of the insulation as per climate zone requirements.
10	Verify that the installation of the vapour barrier does not interfere with the operation of mechanical systems.

Final Review and Documentation

11	Document any deficiencies found during the inspection and recommend corrective actions.
12	Take photographs of any issues and areas of concern for record-keeping.
13	Prepare a final report summarizing the findings of the inspection, including any recommendations for improvements.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
Inspecting thermal insulation continuity and vapour-barrier installation is crucial in ensuring energy efficiency and preventing moisture-related issues in buildings. This inspection includes checking the integrity and proper installation of insulation materials and vapour barriers across all surfaces where they are applied. Completing this inspection helps to avoid heat loss, reduce energy costs, and prevent condensation that can lead to mold growth. Our interactive checklist allows users to tick off tasks, leave comments, and export the completed report with a QR code for authenticity.	1. Preparation: Ensure all tools and safety gear are ready, including a flashlight, moisture meter, and safety glasses. 2. Using the Interactive Checklist: Click 'Start Interactive Checklist' to begin. Tick each item as completed, add comments, and export the report. 3. Sign-Off: Review the completed checklist, share it with stakeholders, and archive using digital signatures. Secure with a QR code.