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Green Roof and Irrigation System Inspection Checklist

Interactive checklist for inspecting green roofs and irrigation systems. Tick, comment, and export as PDF/Excel with QR code security.

Project:

Date:

Filled by:

Green Roof Components

1	Inspect waterproofing membranes for signs of wear or damage.
2	Check drainage layers for blockages and ensure proper water flow.
3	Assess the quality and stability of soil substrates, ensuring they are evenly distributed.
4	Evaluate the selection and health of plant species used on the roof.
5	Verify that edge and trim installations are secure and in good condition.

Irrigation System Checks

6	Test irrigation system pressure to ensure optimal performance.
7	Check for leaks and wear in pipes, fittings, and valves.
8	Ensure even water distribution across all zones of the green roof.
9	Evaluate timers and control systems for accurate scheduling.
10	Inspect pump and filtration systems for signs of wear and proper functioning.

Final Review

11	Review all inspection notes and photos for completeness.
12	Discuss findings with the installation team for any necessary repairs or adjustments.
13	Prepare a comprehensive report detailing inspection outcomes and recommendations.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
<p>The inspection of green roofs and irrigation systems is a critical process ensuring the integrity and functionality of sustainable roofing solutions. This inspection covers the assessment of materials such as vegetation, soil substrates, and irrigation equipment, focusing on their installation quality and operational efficiency. Conducting thorough inspections helps in early detection of leaks, structural stress, and inefficient water usage, thereby prolonging the lifespan of the system and enhancing environmental benefits. This interactive checklist allows users to engage with the inspection process, letting them tick off tasks, leave comments, and export reports as PDF or Excel, complete with a QR code for verification.</p>	<p>1. Prepare your inspection toolkit with safety gear, camera, moisture meter, and flow gauge. 2. Click the “Start Interactive Checklist” button to begin the inspection. 3. Tick each item online as you complete it, ensuring thorough coverage. 4. Add comments on specific items or the entire checklist for detailed reporting. 5. Click 'Share' or 'Download' to export your completed checklist as PDF or Excel. 6. Review, sign, and distribute the final report using QR code authentication.</p>